APPENDIX D-4 Beneficiary Eligible Mitigation Action Certification

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary the Red Lake Band of Cl	nippewa Indians
Lead Agency Authorized to	Act on Behalf of the Beneficiary the Red Lake DNR Environmental Program
	delegation of such authority to direct the Trustee delivered to the
1	tion of Authority and Certificate of Incumbency)
Action Title:	Replace Class 7 & 8 Trucks
Beneficiary's Project ID:	2021-RL-VW-003
Funding Request No.	(sequential) 3
Request Type:	☐ Reimbursement ☐ Advance
(select one or more)	☐ Other (specify):
Payment to be made to:	Beneficiary
(select one or more)	☐ Other (specify):
Funding Request &	■ Attached to this Certification
Direction (Attachment A)	☐ To be Provided Separately
	SUMMARY
1 0	Appendix D-2 item (specify): 186
<u> </u>	☐ Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal):
Detailed Description of Mitig	gation Action Item Including Community and Air Quality Benefits (5.2.2):
See addendum	
Estimate of Anticipated NOx	Reductions (5.2.3):
See addendum	
	tal Entity Responsible for Reviewing and Auditing Expenditures of Eligible
	Ensure Compliance with Applicable Law (5.2.7.1):
_	e Red Lake Band of Chippewa Indians
	will make documentation publicly available (5.2.7.2).
	will make documentation publicly available (5.2.7.2).
See addendum	
Describe any cost share requi	rement to be placed on each NOx source proposed to be mitigated (5.2.8).
See addendum	
	complied with subparagraph 4.2.8, related to notice to U.S. Government
Agencies (5.2.9).	
Red Lake was	not notified by any government agencies
	government agonolog

If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).

N/A

ATTACHMENTS
(CHECK BOX IF ATTACHED)

\checkmark	Attachment A	Funding Request and Direction.
\checkmark	Attachment B	Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).
\checkmark	Attachment C	Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).
√	Attachment D	Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6). [Attach only if project involves vendor expenditures exceeding \$25,000.]
	Attachment E	DERA Option (5.2.12). [Attach only if using DERA option.]
	Attachment F	Attachment specifying amount of requested funding to be debited against each beneficiary's allocation (5.2.13). [Attach only if this is a joint application involving multiple beneficiaries.]

CERTIFICATIONS

By submitting this application, the Lead Agency makes the following certifications:

- 1. This application is submitted on behalf of Beneficiary

 and the person executing this certification has authority to make this certification on behalf of the Lead Agency and Beneficiary, pursuant to the Certification for Beneficiary Status filed with the Court.
- 2. Beneficiary requests and directs that the Trustee make the payments described in this application and Attachment A to this Form.
- 3. This application contains all information and certifications required by Paragraph 5.2 of the Trust Agreement, and the Trustee may rely on this application, Attachment A, and related certifications in making disbursements of trust funds for the aforementioned Project ID.
- 4. Any vendors were or will be selected in accordance with a jurisdiction's public contracting law as applicable. (5.2.5)
- 5. Beneficiary will maintain and make publicly available all documentation submitted in

support of this funding request and all records supporting all expenditures of eligible mitigation action funds subject to applicable laws governing the publication of confidential business information and personally identifiable information. (5.2.7.2)

DATED: 8-9-21	Jennifer Malinski, Environmental Specialist
DATED.	[NAME] [TITLE]
J. O.M. O. O	the Red Lake DNR Environmental Program
SIGNATURE: Jum Malmil.	[LEAD AGENCY]
	for
	the Red Lake Band of Chippewa Indians
	[BENEFICIARY]

Redacted

Redacted

[SAMPLE ATTACHMENT B - USE OF THIS FORMAT IS NOT MANDATORY]

PROJECT MANAGEMENT PLAN PROJECT SCHEDULE AND MILESTONES

Milestone	Date
Lead Agency Provides Notice of Availability of Mitigation Action Funds	
Project Sponsor Submits Proposal to Lead Agency	
Lead Agency Provides Written Approval of Project Sponsor's Proposal	
Lead Agency Incorporates Project Sponsor's Proposal into Mitigation Plan	
Trustee Acknowledges Receipt of Project Certification and Funding Direction	
Trustee Allocates Share of Funds for Approved Project	
Lead Agency Directs Funding (Advance Funded Projects)	
Project Sponsor Obtains Cost Share, Notifies or Certifies to Lead Agency	
Project Sponsor Enters into Contracts, Purchase Orders, etc Start	
Project Sponsor Enters into Contracts, Purchase Orders, etc Complete	
Project Installation(s) – Start	
Project Installation(s) – Complete	
Project Sponsor provides detailed invoices for all claimed project costs, documentation for	
emission reduction estimates, required certification documents to Lead Agency to support direction	
to Trustee for Payment (Reimbursement, Direct-to-Vendor) or final accounting (Forward Funded	-
Projects)	
Lead Agency completes review and certifies payment direction to Trustee	
(Reimbursement)	
Trustee Acknowledges Receipt of Direction for Payment(s) (Advance Funded, Reimbursement)	-
Project Sponsor Certifies Project Completion	
Lead Agency Reports Project Completion	

PROJECT BUDGET

Period of Performance:									
Budget Category	Total Approved Budget	Share of Total Budget to be Funded by the Trust	Cost-Share, if applicable (Entity #1)	Cost-Share, if applicable (Entity #2)					
1. Equipment Expenditure	\$	\$	\$	\$					
2. Contractor Support (Provide List of Approved Contractors as Attachment with approved funding ceilings)	\$	\$	\$	\$					
3. Subrecipient Support (Provide List of Approved Subrecipients or Grant Awardees as Attachment with approved funding ceilings)	\$	\$	\$	\$					
4. Administrative ¹	\$	\$	\$	\$					
Project Totals	\$	\$	\$	\$					
Percentage	%	%	%	%					

¹ Subject to Appendix D-2 15% administrative cap.

PROJECTED TRUST ALLOCATIONS:

	2017	2018	2019	2020	2021
1. Anticipated Annual Project Funding Request to be paid through the Trust	\$	\$	\$	\$	\$ 278,912
2. Anticipated Annual Cost Share	\$	\$	\$	\$	\$ 118,923
3. Anticipated Total Project Funding by Year (line 1 plus line 2)	\$	\$	\$	\$	\$ 397,835
4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation	\$	\$	\$	\$	\$ 651,332
5. Current Beneficiary Project Funding to be paid through the Trust (line 1)	\$	\$	\$	\$	\$ 278,912
6. Total Funding Allocated to for Beneficiary, inclusive of Current Action by Year (line 4 plus line 5)	\$	\$	\$	\$	\$930,244
7. Beneficiary Share of Estimated Funds Remaining in Trust	\$	\$	\$	\$	\$
8. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Funding Actions (line 7 minus line 6)	\$	\$	\$	\$	\$

RED LAKE BAND OF CHIPPEWA INDIANS Addendum to Appendix D-4

August 10, 2021

5.2.2 Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits

During the fourth funding cycle of the Volkswagen Settlement Environmental Mitigation Trust for Indian Tribes, the Red Lake Band of Chippewa Indians will replace two (2) government-owned eligible vehicles (Item 6: Class 4-7 Local Freight Trucks, and Item 1: Class 8 Local Freight Trucks and Port Drayage Trucks) with two (2) low-emission new diesel vehicles.

The eligible vehicles to be replaced will be the following:

<u>Year</u>	<u>Make</u>	Model	Description	<u>VIN</u>	Class
1999	Freightliner	Bobtail	LP delivery truck	1FV6HJBAXXHF31921	7
1993	IHC-2000	2554	Plow truck	1HTGBPCR1PH536224	8

The eligible diesel vehicles will be scrapped and replaced with low-emission new diesel vehicles. The Red Lake Band of Chippewa Indians understands the term "scrapped" to mean to render inoperable and available for recycle and, at minimum, to specifically cur a 3-inch hole in the engine block for all engines and, for vehicles to be replaced as part of this project, to disable the chassis by cutting the vehicle's frame rails completely in half.

The low-emission replacement vehicles that the Red Lake Band of Chippewa Indians will acquire are as follows:

<u>Year</u>	<u>Make</u>	<u>Model</u>	<u>Description</u>	Base Cost per Unit
2021	Freightliner	M2 106	LP delivery truck	\$160,522
2021	Mack	GR64FR	Plow truck	\$237,313

The total cost of the replacement vehicles will be \$397,835.

The community and air quality benefits from the project will include reduced pollution, including reduced emissions of NOx and PM2.5, reduced fuel consumption, and reduced fuel costs.

5.2.3 Estimate of Anticipated NOx Reductions

The Eligible Mitigation Action will result in a significant reduction in NOx emissions. According to the U.S. Environmental Protection Agency's Diesel Emissions Qualifier (DEQ) tool, the Eligible Mitigation Action will result in an 92.5% annual reduction in NOx emissions and annual reductions of PM2.5 of 98.2%; HC 95.1%; and CO 92.8% (based on average results for eligible trucks). The project will result in an annual reduction of 0.228 short tons of NOx.

A lifetime reduction of NOx is 92.5%, PM2.5 is 98.2%, HC is 95.1% and CO is 92.8%. These values are based on average results for eligible trucks, taking into account the expected remaining life of the vehicle.

Detailed data follow:

Emissions Results for Red Lake Band of Chippewa Indians Environmental Mitigation Action

The results for the upgrades in the project are from the U.S. Environmental Protection Agency Diesel Emissions Quantifier.

These results include the replacement of a Class 4-7 Local Freight Truck and a Class 8 Local Freight Truck.

Emission Results:

Here are the combined results for all groups and upgrades entered for your project.1

<u>Annual Results (short tons)</u> ²	NO _x	PM2.5	HC	co	CO ₂	Fuel ³
Baseline for Upgraded Vehicles/Engines	0.247	0.019	0.047	0.119	37.9	3,365
Amount Reduced After Upgrades	0.228	0.018	0.045	0.111	0.0	0
Percent Reduced After Upgrades	92.5%	98.2%	95.1%	92.8%	0.0%	0.0%
Lifetime Results (short tons) ²						
Baseline for Upgraded Vehicles/Engines	0.247	0.019	0.047	0.119	37.9	3,365
Amount Reduced After Upgrades	0.228	0.018	0.045	0.111	0.0	0

 $^{^{1}}$ Emissions from the electrical grid are not included in the results.

Remaining Life

IHC-2000 Plow Truck: Municipal Short Haul - Single Unit Class 8 (Utility) Vehicle Replacement - ULSD (diesel)	1 year
Freightliner LP Delivery Truck: Municipal Short Haul - Single Unit Class 6-7 (Delivery) Vehicle Replacement - ULSD (diesel)	1 year

² 1 short ton = 2000 lbs.

³ In gallons; fuels other than ULSD have been converted to ULSD-equivalent gallons.

⁴ Cost effectiveness estimates include only the costs which you have entered.

Project Information:

Group Name: Freightliner LP Delivery Truck

Type Onroad

Engine Model Year 1999
Fuel Type ULSD (diesel)

Target Fleet Short Haul - Single Unit
Upgrade Year 2021
Annual Fuel Gallons 2,865
Class Class 6-7
Remaining Life 1
Diesel-equivalent Gallons 2,865
Annual Miles Traveled 20,000
Vocation Delivery
Quantity 1

Edit Group
Copy This Group
Delete

Upgrades to Freightliner LP Delivery Truck

Action	Upgrade		New Fuel		Cost per Unit		Percent Reduction				
	Opgrade		Volume		Upgrade	Labor	NOx	PM2.5	нс	со	CO ₂
Edit Delete	Vehicle Replacement - ULSD (diesel)	2021	2,865	2,865	\$0	\$0	91.8	98.2	95.4	92.6	0

Group Name: IHC-2000 Plow Truck

Type Onroad Engine Model Year 1993 Fuel Type ULSD (diesel)

Target Fleet Short Haul - Single Unit Upgrade Year 2021 Annual Fuel Gallons 500

Class Class 8 Remaining Life 1 Diesel-equivalent Gallons 500

Sector Municipal Annual Miles Traveled 3,000

Vocation Utility Annual Idling Hours 30

Class Class 8 Remaining Life 1 Diesel-equivalent Gallons 500

Annual Miles Traveled 3,000

Annual Idling Hours 30

Copy This Group Delete

Upgrades to IHC-2000 Plow Truck

Action		New New Fue		New Diesel-	Cost per Unit		Percent Reduction				
	Upgrade	Model Year	Volume	equivalent Gallons	Upgrade	Labor	NO _x	PM2.5	нс	со	CO ₂
Edit Delete	Vehicle Replacement - ULSD (diesel)	2022	500	500	\$0	\$0	95.3	98.3	91.6	93.9	0

5.2.7.2 Describe how the Beneficiary will make documentation publicly available

Information Requests. The Red Lake Band of Chippewa Indians has established a webpage dedicated to the funding received from the VW Settlement Trust, which includes a link for members of the public to request additional information and documents related to the funding request and expenditure of funds. The webpage is accessible through the Red Lake Department of Natural Resources website (http://www.redlakednr.org/). The Red Lake Band of Chippewa Indians endeavors to respond to such requests within ten (10) business days and, when documents are requested, advises the individual within that timeframe of the procedure for reviewing such documents.

Governing Law. The settlement agreement shall be governed by, construed, and enforced in accordance with the following laws: First, the laws of the Red Lake Band of Chippewa Indians; Second, in the absence of applicable Red Lake law, applicable federal law will be applied; and Third, in the absence of applicable Red Lake law and applicable federal law, the laws of the State of Minnesota will be applied.

Sovereign Immunity. Nothing in this agreement shall be construed as a waiver of the sovereign immunity of the Red Lake Band of Chippewa Indians.

5.2.8 Describe any cost share requirement to be placed on each NOx source proposed to be mitigated

This project involves a cost share. The total cost of the project is \$397,835. The final funding allocation available to the Red Lake Band of Chippewa Indians for this round of funding is \$278,912. The Red Lake Band of Chippewa Indians will provide the remaining \$118,923.

RED LAKE BAND OF CHIPPEWA INDIANS

Attachment B to Appendix D-4

5.2.4 Eligible mitigation action management plan including detailed budget and implementation and expenditures timeline

Eligible Mitigation Action Plan/Timeline

Milestones	Date
Lead Agency issues request for quotes to vendors for acquisition of low-emission	
new diesel Class 7 truck and Class 8 truck	7/31/2021
Lead Agency Provides Project Certification and Funding Direction to Trustee	8/28/2021
Trustee allocates share of funds for approved project	11/12/2021
Lead Agency directs funding and enters into contracts for acquisition of low-	
emission new diesel trucks	1/15/2022
Low-emission new diesel trucks in use	4/15/2022
Eligible trucks decommissioned and scrapped	6/30/2022
Lead Agency provides detailed invoices for all claimed project costs,	
documentation for emission reduction estimates, required certification	
documents to trustee for final accounting upon request	7/30/2022
Lead Agency reports project completion	7/30/2022

Project Budget

Period of performance: Fourth Funding Cycle

Acquisition costs are broken down as follows:

Year	Make	Model	Description	Total Cost
2021	Freightliner	M2 106	LP delivery truck	\$160,522.00
2021	Mack	GR64FR	Plow truck	\$237,313.00
			Total	\$397,835.00

Total project budget:

Budget Category	Total
Acquisition of new diesel vehicles	\$397,835.00
Project Total	\$397,835.00
Cost share covered by the Red Lake Band of Chippewa Indians	\$118,923.00

Project Trust Allocation

Fourth Funding Cycle: \$278,912, 70% of our total project cost. The remaining 30% of project costs, or \$118,923, will be provided as a tribal cost share.

RED LAKE BAND OF CHIPPEWA INDIANS Attachment C to Appendix D-4

5.2.11 Detailed plan for reporting on eligible mitigation action implementation

No later than six months after the Tribe receives its first disbursement of Trust Assets, and thereafter no later than January 30 (for the preceding six-month period of July 1 to December 31) and July 30 (for the preceding six-month period of January 1 to June 30) of each year, the Tribe shall submit to the Trustee a semiannual report describing the progress implementing the Tribe's project during the six-month period leading up to the reporting date (including a summary of all costs expended on the Eligible Mitigation Action through the reporting date and required certification documents). The first semi-annual report date is expected to be 5/15/2022.

RED LAKE BAND OF CHIPPEWA INDIANS Attachment D to Appendix D-4

5.2.6 Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000

Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 are attached to this Attachment D.



3 Development Dr Morris, MN 56267 Fax:(320) 589-2206

(320) 589-2100 (800) 992-8981

www.westmor-ind.com

Nozzle Storage

Vapor Hose / Piping

Prepared By: Brady Griffith Truck Sales Temtory Manager brady.griffith@westmor-ind.com 701-388-8734 Quote: Q-0013757 Project:210310-38576 March 10, 2021

Prepared For: Red Lake Nation Energy/Propane 23884 Hiway 1 East Red Lake, MN 56671 Contact: Debbie Graves 218-679-4418



BX Base Model

	SALES QUOTATION
Model Name	BX Base Bobtail
Vessel Size NQT	3400 gallon, 80" diameter, NQT, Working pressure of 250 PSIG
	Vessel constructed of lightweight steel to ASME Code and DOT MC-331
	Vessel x-rayed, baffled and has a 16" Manway
Delivery Location	Rear Delivery
Fill Location	Rear Fill with patented Ergoload® Deck
Style	Open Deck Stainless Steel
Fenders	Stainless steel bolt-on Single Axle (Westmor®)
Bumper	Rear impact bumper, DOT compliant
Bumper Cover	Stainless Steel on dropped center, 24"L (Ergoload®)
Lighting	Wired to meet FMVSS 108 with Truck-Lite LED grommet mount lighting
High Mount Tall light	High mount LED tail light bar assembly included and mounted above rear gauge rain shield
Work Light	2 LED work lights: (2) mounted on rear gauge rain shield - activated by switch in cab
Back of Cab Work Light	2 LED work lights mounted back of cab: (1) each side - activated by switch in cab
PTO / Pump Drive	Hot shift PTO, shaft drive assembly to pump and PTO indicator light in the dash
Internal Valve	3° MEC Air pperated
Pump	Blackmer 3 flange mounted
Pump Stabilization	Thermaflow SS100P system installed
Meter & Register	2º LC MA7, LCRII register and Epson SLIP printer: Includes; strainer, optic vapor eliminator, electron 2-stage valve, temperature compensation
Meter Location	Roadside
Printer Stand	Aluminum console mounted in cab for printer and storage
Integrated Data Management	Lap pad for LCR II meter register
Meter Cover	Stainless steel box with side swing door (includes an interior light)
Hose Reel	Stainless steel liquid reel with electric rewind (2/3 HP motor)
Hose Reel Location	Curbside
Hose Reel Roller	"C" roller assembly, top wind on liquid hose reel
Hose Reel Cover	NONE
Hose	1" x 150' Liquid delivery hose rated for -50 degrees F

1-3/4" F. ACME Quick acting minimum loss hose end valve (Rego) with swivel

1-1/4" ACME adapter and SS ball valve at vessel & coupling for vapor hose attachment (No hose

MEC Nozzle Holster

supplied)

Remote Control System

Electrical Center

Centrally located plug & play module with aluminum cover for added protection

Electronic throttle activated when pto is engaged to lock out foot pedal and prevent ongine from

2" piping from pump with 2" SS full port valve at meter inlet

1-1/2" Piping with flex connector and 1-1/2" SS full port valve

regenerating while pumping Carbon Steel - Painted

2" bypass, 2" valve, and 2" backcheck

Piping Material

Throttle

Piping Pump Discharge

Bypass

Piping Meter Discharge

Tank Evacuation / Self load

Sprayfill Vapor

NONE 3" backcheck, 2" piping, 2" SS full port ball valve, 3-1/4" ACME adapter, and cap w/cable

1-1/4" internal valve, 1-1/4" piping, 1-1/4" SS full port ball valve, and 2-1/4" ACME adapter, and cap

ProControl 3: 6-Function Base Engineering system; Menu, E-Stop, PTO, Throttle, Reel-Out, Delivery

w/cable NONE

Brake/Safety Interlock Piping

Blow Off Line(s)

Installed on the sprayfill line

3" Relief valve installed in top of vessel Relief Valve Volume Gauge Float gauge in rear head

Fixed Outage Gauge Outage valve installed and set at 85%

Pressure Gauge (1) installed in vessel and (1) installed in pump discharge piping

Temperature gauge installed in vessel Thermowell

Drain Liquid withdrawal valve installed in vessel drain

Tool Box Roadside Aluminum tool box 18" x 18" x 36", single drop door (mill finish)

Tool Box Curbside NONE

Paint Vessel painted white with Imron Elite. Vessel belly and rails painted black.

Rock Guard Vessel Rock guard sprayed on entire lower 1/3 of vessel including vessel rails (500-3700)

Rock Guard Chassis Frame Rock guard chassis frame (outside only) & bumper - (500-3700)

Decals DOT required labels installed

Decals Custom

Decal Detail Westmor to order decals from Winning Edge; Winning Edge to install decals in Morris.

Placarda 1075 Vinyl placards installed

Fire Extinguisher 20# ABC fire extinguisher with mounting bracket

Wheel Chocks MEC chocks & MEC holder

Document Holder DOT Shipping paper pouch: Ships loose in cab

Mudflaps Mudflaps to meet D.O.T. requirements

Backup Alarm Included

Warning Triangles Reflective kit which meets FMVSS125: Ships loose in cab

Mounting Vessel mounted on chassis furnished by customer or purchased through Westmore Industries

Certification DOT M©331 Certification plates attached Testing Unit test pumped and meter calibrated

Option Included Backup Carnera: Carnera turns on when transmission is in reverse

Option Included Bolt-on tow hooks

Custom Option 01 Install lap pad holder using RAM mount; same as 2021 WC 1803494

Q-0013757 March 10, 2021

Total Price of vessel & selected Equipment:

\$86,525.00

Tank & Equipment FET:

\$0.00

Mounted on a: 2021 Freightliner M2 106 - Cummins B6.7 - 325 hp - 750

Chassis Price:

\$73,997.00

torque - Allison Automactic - Vin # MV2256

Chassis FET

\$0.00

Total Investment:

\$160,522.00

Not Including Sales Tax & Licensing

FOB Terms Morris, MN

Terms

Requires a 20% down payment on bobtail vessel & equipment with signed order. Balance due upon completion and payable prior to or at time of customer pick-up. Chassis payment due payable to Westmor Industries or chassis dealer upon its arrival at Westmor. Price valid for 15 days from date of proposal. Subject to change after that date.

Warranty Highlights

Blueline® bibtail, material and workmanship warrantied for one (1) year. New vessel warrantied to be free from leaks for five (5) years. Refer to original component manufacturers individual warranty for any extended warranty on components. All warranty work will be done at a Westmor Industries location unless prior arrangements are made. It is the customers responsibility to return equipment to us for warranty repairs.

Steel Clause

*** Westmo Industries price for items listed in this quote are based on steel prices and steel surcharges as of 3/10/21. The base price of steel and potential steel surcharges can be volatile, and may change without prior notice until the product is received at Westmer Industries. Westmor Industries will review the price of the steel at the time the steel is received. Westmor Industries reserves the right to pass onto the customer, any increase in the base price of steel and any steel surcharges added at the time the material is received by Westmor Industries.

BY YOUR EXECUTION OF THIS QUOTE OR ACCEPTANCE OF THE GOODS SET FORTH HEREON, PURCHASER ACKNOWLEDGES AND AGREES THAT IT HAS HAD THE OPPORTUNITY TO REVIEW THOSE TERMS AND CONDITIONS OF WESTMOR INDUSTRIES, LLC AVAILABLE ONLINE AT WESTMOR-IND. COM/TERMS, AND THE PARTIES INTEND TO BE BOUND BY SUCH TERMS AND CONDITIONS, WHICH ARE HEREBY INCORPORATED BY REFERENCE. A HARD COPY OF SUCH TERMS AND CONDITIONS WILL BE PROVIDED BY WESTMOR INDUSTRIES, LLC TO PURCHASER UPON REQUEST.

	Maria .				
AC	بحمايا	_	(mpn pr	 - 19%	

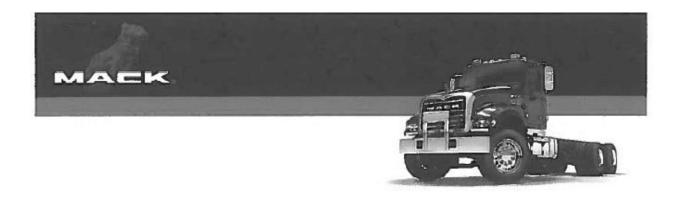
DATE:

Prepared By: Brady Griffith Truck Sales Territory Manager brady griffith@westmor-ind.com 701-388-8734

\$160,522.00

VIN 1FV6HJBAXXHF31921

(Includes accessories)



DATE

7/17/2021

QUOTE INFORMATION

RDO2021000163D861 **GRANITE 64FR**

Qty: 1

PREPARED BY

RDO TRUCK CENTER CO.

3401 38TH ST S

FARGO ND 581046904

PREPARED FOR

RED LAKE BAND OF CHIPPEWA INDIANS

24200 COUNCIL ST

MN 56671

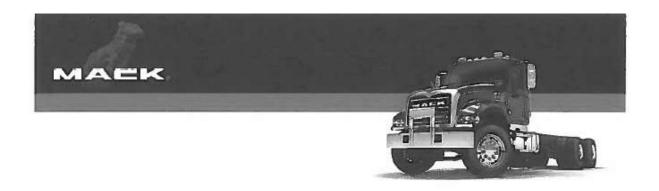
REDLAKE

New Mack cab & chassis proposal:

(1) 2023 Mack GR64FR = \$124,672.00

\$237,313.00 VIN 1HTGBPCR1PH536224 (Includes plow and accessories)

JOHN STEARNS RDO TRUCK CENTER CO.



TECHNICAL SPECIFICATION

GRANITE 64FR

CUST	OMERIVEHICLE INFO	DESCRIPTION
ŝ	CHASSIS (BASE MODEL)	GRANITE 64FR
S	ASSEMBLY PLANT	Made in Macungle, PA USA
	CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND
	TYPE OF SERVICE	MUNICIPAL
S	WARRANTY REGISTRATION LOCATION	US-WARRANTY REGISTRATION LOCATION
	EMISSION WARRANTY CERTIFICATION	EPA (only) for Mack MP7 / MP8 Diesel
	INITIAL REGISTRATION LOCATION	USA REGISTRATION
3	LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH
	ROAD CONDITION	WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE
	VEHICLE USE & BODY/TRAILER TYPE	SNOW PLOW FRONT MOUNTED
	TRAILER TYPE	DRAWBAR TRAILER WITH STEERED FRONT AXLES
	GROSS COMBINATION WEIGHT (CA in PC29 only)	80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT
3	BRAKE REGULATION	BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)
	TOPOGRAPHY	GRADES <6%, GREATER THAN 98%, OF DRIVING DISTANCE MAX GRADE 16%
	AMBIENT TEMP UPPER LIMIT (GTA)	AMBIENT TEMPERATURE HOT, WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR
	TERRAIN GRADE	ON-OFF HIGHWAY, STARTING GRADES<18%
	LOADING SURFACE	CONCRETE LOADING AND / OR UNLOADING SURFACE
3	VEHICLE VOCATION	CONSTRUCTION SERVICE
Elviell.	NE/TRANSMISSIONS	DESCRIPTION
000000	ENGINE PACKAGE, COMBUSTION	MP8-425M MACK 425HP @ 1500-1900 RPM (PEAK) 2100 RPM (GOV) 1560 LB-FT, US'21
27		
3	GHG APPLICATION, VEHICLE	GREEN HOUSE GAS VOCATIONAL APPLICATION
	TRANSMISSION	4500 RDS 6 SP-ALLISON RUGGED DUTY SERIES GEN 5 W/PROGNOSTICS
5	GEARBOX 12TH GEAR LOCK-OUT	WITHOUT 12TH GEARBOX GEAR LOCK-OUT
ХНА	UST/EMISSIONS	DESCRIPTION
3	CARB 2008 IDLE REGULATION	IDLE EMISSION CERTIFICATION, CARB (WITH DECAL LOCATED ON LOWER LH CORNER / DRIVE DOOR
	LIST DATE QUOTATION DATE 10104 RDO2021000163D861 7/17/2	



OFFUSER, TURNED END
EQUIPPED)

ENGI	NE EQUIPMENT	DESCRIPTION
BEES AND ADDRESS OF THE PARTY O	AIR CLEANER	UNDER HOOD SINGLE ELEMENT DRY TYPE WAIR CONTROLLED INSIDE-OUTSIDE AIR INTAKE
8	BUG SCREEN	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER
S	AIR COMPRESSOR/DRYER	WABCO AIR DR SS-HP AIR DRYER W/ WABCO 318 (18.7 CFM) AIR COMPRESSOR
8	AIR DRYER POSITION (CA)	AIR DRYER POSITION STANDARD
S	ALTERNATOR	DELCO 12V 160A (28Si) BRUSH-TYPE
S	BATTERIES	(3) MACK 12V 650/1950 CCA THREADED STUD TYPE
S	BATTERY BOX - MOUNTING	LH RAIL UNDER CAB FORWARD OF FUEL TANK (3 BATTERY MAX)
S	BATTERY BOX COVER	MOLDED PLASTIC
S	STARTER MOTOR	12 VOLT DELCO 39MT-MXT
	ENGINE BRAKE	MACK MP8 POWERLEASH
s	ENGINE BRAKE LIGHTING (CA)	VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY (3899000)
5	FAN DRIVE	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE
S	COOLANT PROTECTION	ETHYLENE GLYCOL FULLY FORMULATED COOLANT (50/50 MIX DYED PINK) TO -34DEG, W/ FILTE
	RADIATOR TYPE	RADIATOR, CORE AREA W/O FEPTO 1345sq in (86sq dm), CORE AREA W/ FEPTO 1296sq in (83sq dm)
s	HOSES - RADIATOR/HEATER	MACK EPDM RADIATOR & HEATER HOSES
s	FUEL-WATER SEPARATOR	MACK W/MANUAL DRAIN VALVE W/ HOT RECIRCULATION (INTEGRAL W/ PRIMARY FUEL FILTER)
s	PRIMARY FUEL FILTER POSITION (CA)	STANDARD FUEL FILTER POSITION
	ENGINE HEATERS	GRID HEATER + 120v 1500w BLOCK HEATER ONLY (120V-15A PLUG)
s	OIL PAN	OIL PAN
s	ENGINE STOP, EMERGENCY (CA in PC29 only)	WITHOUT ENGINE STOP, EMERGENCY

(eLU)	CH TRANS EQUIPMENT	DESCRIPTION
	GEAR SHIFTER	ALLISON DASH MOUNTED SHIFTER WINEUTRAL TO RANGE INHIBIT (HD SERIES)
8	CLUTCH ACTUATION SYSTEM & PEDAL PAD	WITHOUT CLUTCH CABLE SYSTEM
	DRIVELINE - MAIN	MERITOR 18 MXL "XTENDED LUBE" (PROPS-L)
	DRIVELINE - INTERAXLE	MERITOR 17 MXL "XTENDED LUBE"
	PROPELLR SHAFT MAIN, UNVSL JNT	UNIVERSAL JOINT HALF-ROUND TYPE
s	PROP SHAFT INTERAXL UNIV JOINT	HALF-ROUND UNIVERSAL JOINT
S	TRANSMISSION OUTPUT TORQUE	TRANSMISSION OUTPUT TORQUE BASIC
s	BELL HOUSING	ALUMINUM
	LUBRICANTS, TRANSMISSION	TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS
	TRANSMISSION OIL COOLER	ALLISON TRANS, WIDIRECT MOUNT COOLER & SS COOLANT TUBES

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FROM	IT AXLE EQUIPMENT	DESCRIPTION
s	FRONT AXLE	18000# (8200 KG) MACK FXL18 (WIDE PIVOT CENTER) STRAIGHT SPINDLE/UNITIZED BEARINGS
	SPRINGS - FRONT	MACK TAPERLEAF HD 18000# (8200 KG) GROUND LOAD RATING, EQUAL BIAS
s	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 6" Q+
s	BRAKE, FRONT	CAST IRON
	FRONT AXLE BRAKE DUST SHIELD	DUST SHIELDS FOR FRONT AXLE
S	FRONT BRAKE ADJ. MANUFACTURE	HALDEX - AUTOMATIC
	FRONT BRAKE CHAMBER MFG.	FRONT BRAKE CHAMBER MANUFACTURER, HALDEX
S	HUB MATERIAL, FRONT	FERROUS
S	SHOCK ABSORBER, FRONT	DOUBLE ACTING TYPE
s	STEERING	SHEPPARD SD110
S	LUBRICANTS, FRONT AXLE	PETROLEUM/SYNTHETIC (50/50) OIL FRONT AXLE

REAR	AXLE EQUIPMENT	DESCRIPTION
	REAR AXLES - TANDEM	40000# (18100kg) MERITOR MT40-14X4D HYPOID (LOW ENTRY)
S	REAR AXLE CASING WIDTH	W/O WIDE TRACK AXLE
	LUBE PUMP, REAR AXLE	LUBE PUMP AND FILTER
	CARRIER - REAR AXLE	VENDOR CARRIER
	REAR AXLE RATIO	4,33 RATIO
	REAR SUSPENSION - TANDEM	HMX400 HENDRICKSON 40000#
	BOGIE SPREAD, REAR	54" AXLE SPACING (BOGIE WHEELBASE)
	REAR SHOCK ABSORBER	REAR SHOCK ABSORBER
	TRANSVERSE TORQUE RODS, R SUSP	TRANSVERSE TORQUE ROD - ALL AXLES
	BRAKES - REAR	MERITOR - CAM 16.5"x8 5/8" Q+ (Total for QTY = 2)
	BRAKE, DRIVE, REAR	CAST IRON
	REAR BRAKE ADJ MANUFACTURE	HALDEX - AUTOMATIC (Total for QTY = 2)
	DRIVE AXLE BRAKE DUST SHIELD	DUST SHIELDS FOR REAR AXLE
	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 30/30 TYPE
	BRAKE ORI REAR-MOST DRIVE AXLE	DRUM BRAKE CHAMBER ORIENTATION; High Mount - Rear of Axle - Chamber Down
	REAR BRAKE CHAMBER	HALDEX "LIFE SEAL PLUS" (3" STROKE) BRAKE CHAMBERS (Total for QTY = 2)
i i	HUB MATERIAL, DRIVE	IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
	POWER DIVIDER LOCKOUT	POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT
	LUBRICANTS, REAR AXLE(s)	75W - 90 (SYNTHETIC LUBRICANT)
	TRACTION DIFFERENTIAL	DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK ALL RR AXLES, MANUAL AIR VALVE WWARNING LIGHT.
3	ANTILOCK BRAKE SYSTEM	BENDIX WITH TRACTION CONTROL 4S4M
5	BRAKE VALVE VERSION	BENDIX SWITCHES AND VALVES WHERE POSSIBLE

FRAI	ME EQUIPMENT FUEL TANKS	DESCRIPTION
	WHEELBASE	216*
	AF (OVERHANG)	63*
	FRAME RAILS & LINERS	11.1 x 90 x 300mm - (0.437" x 3.54" x 11.81"); RBM 2,820,000 LB-IN
	FRONT FRAME LENGTH	BUMPER POSITION EXTENDED 20" (SNOW)
S	CROSSMEMBERS	BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
S	REAR CROSSMEMBER OPTIONS	STEEL CLOSING REAR CROSSMEMBER
S	FRONT BUMPER	EXTENDED-SWEPT BACK-STEEL

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FRAM	E EQUIPMENT FUEL TANKS	DESCRIPTION
;	TOWING DEVICE, FRONT	HOOKS
	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK
	FUEL TANK - LH	88 GALLON (335 L) 22" ALUMINUM, SLEEVED D-SHAPED
1	FUEL TANK - RH	W/O RH FUEL TANK
,	FUEL FILLER NECK OPTIONS	WITHOUT FILLER NECK SCREEN, WITH NON-LOCKABLE FUEL TANK CAP
	FUEL LINE OPTIONS, LIQUID	W/O FUEL LINE OPTION
3	CAB INSTEP VERSION	STANDARD 2 STEP CAB ACCESS
	STEPS (BRIGHT) - FUEL TANK	STANDARD FINISH STEPS AND BRIGHT FINISH STRAPS
JR/BI	RAKE	DESCRIPTION
1	AIRTANK DRAIN VALVE	MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS
	AIRTANK MATERIAL	ALUMINUM AIR TANK PAINTED CHASSIS COLOR
3	RELOCATE AIR RESERVOIRS	W/O RELOCATED AIR TANKS
	PARKING BRAKE VALVE	TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK
LECT	FRICAL	DESCRIPTION
	DASH MOUNTED SWITCHES	SIX (6) ASSIGNABLE BODYBUILDER DASH SWITCHES (5 ON-OFF, 1 MOMENTARY)
3	ROOF & SIDE MARKER LIGHTS	(5) TRUCKLITE CHROME BULLET ROOF MARKER & STANDARD MARKER / DIRECTIONAL SIGNAL
	AUXILIARY LAMPS (CA in PC29 only)	DASH CTRL/PWR SUPPLY/LOCAL INST PLOW LAMPS W/LEAD FURN@ GRILL W/2W/3W WEATHER PACK CON
3	DAYTIME RUNNING LIGHTS	WOVERRIDE SWITCH, PARK BRAKE & ENGINE RUNNING ACTIVATED
3	DRL OVERRIDE SPEED THRESHOLD	DRL OVERRIDE SPEED THRESHOLD 8 KMPH (5 MPH)
3	TAIL LAMPS	INCANDESCENT TAIL LAMPS
FAIL	ER CONNECTIONS	DESCRIPTION
	TRAILER CONNECTION POSITION (CA in PC29 only)	TRAILER AIR BRAKE CONNECTIONS, END OF FRAME
	TRAILER ELECTRICAL RECEPT	SINGLE 7 PINS STD SAE TYPE, END OF FRAME
T(I)		DESCRIPTION
	CRANKSHAFT ADAPTER	1350 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION)
3	PTO TRANS NEUTRAL CONTRL CHECK	W/O NEUTRAL CONTROL
3	BODY BUILDER INTERFACE	BODY LINK III W/CAB PASS-THRU
PFC	ALTY FOLIPMENT	DESCRIPTION
	LANE SUPPORT SYSTEM (LSS)	WITHOUT LANE SUPPORT SYSTEM
3	DATA CAPTURE	WITHOUT DATA CAPTURE
3	CAMERA, SURVEILLANCE	WITHOUT CAMERA
AB II	VTERIOR (A THRU G)	DESCRIPTION
3	GAUGES - UNIT OF MEASURE	U.S. UNITS (PREDOMINANT)
	GUAGE - PACKAGE, SECONDARY	2ND GA PKG W/ENG OIL TEMP, TRANS OIL TEMP, PYRO, BOOST PRESS
	GAUGE - REAR AXLE OIL TEMP	REAR AXLE OIL TEMP GAUGE IN DID (DRIVER INFORMATION DISPLAY)
3	AIR CONDITIONING/HEATER	BLEND AIR HVAC W/ATC* TEMP REGULATION
3	DOME LAMP, INTERIOR	(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
W. T	IST DATE QUOTATION DAT	



CABI	NTERIOR (A THRUG)	DESCRIPTION
S	DASH INDICATOR - LAMP BODY OUT OF POS	DASH MTD, INDICATOR BODY/HOIST UP "BODYBUILDER LAMP"
	FIRE EXTINGUISHER	5LB (ABC RATED) MOUNTED BETWEEN DRIVER SEAT BASE AND DOOR VALVE AIMED REARWARD
S	CARBON MONOXIDE DETECTION SYS	WITHOUT CARBON MONOXIDE DETECTION SYSTEM
S	FLOOR COVERING	POLYURETHANE FLOOR MAT WITHOUT REMOVABLE INSERTS

CAE	NTERIOR (HITHRUR)	DESCRIPTION
s	INSTANT CLUSTER LANGUAGE	DEFAULT: ENGLISH, SPANISH, FRENCH
s	KEY TYPES FOR DOORS	ALL CHASSIS KEYED AT RANDOM
s	DOOR OPENING OPTIONS	W/O ELECTRONIC KEYLESS ENTRY
3	FORWARD OVERHEAD STORAGE	(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS
	AUDIO ACCOMMODATION	PREMIUM STEREO, AM/FM, WEATHER BAND
	ANTENNA - RADIO	48" ANTENNA RIGHT SIDE MIRROR MOUNTED
	ANTENNA - CB RADIO	48" ANTENNA LEFT SIDE MIRROR MOUNTED
	POWER LEADS	POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE
	AUDIO SPEAKER LOCATION	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL
3	COM.RADIO PREP KIT (CB)	CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE
1	AUXILIARY REAR WINDOW	REAR WINDOW (FIXED TYPE)
3	REAR WALL STORAGE COMPARTMENT	STORAGE POUCH REAR
	REFLECTOR KIT	W/O SLEEPER BOX FURNISH KIT PARALLEL TO INSIDE SURFACE OF RIDER'S SEAT BASE

CAB	INTERIOR (S THRU Z)	DESCRIPTION
s	INTERIOR TRIM LEVELS	STANDARD PACKAGE, STEEL GRAY (Package 11A)
	SEAT - DRIVER'S	MACK-AIR, HIGH BACK, 4 CHAMBER AIR LUMBAR, BOLSTER, EXTENSION
	SEAT COVERING - DRIVER'S	DRIVER'S SEAT - STEEL GREY VINYL / CLOTH MIX
s	SEAT - PASSENGER'S	MACK-FIXED, HIGH BACK
s	SEAT COVERING - PASSENGER'S	PASSENGER'S SEAT - STEEL GREY VINYL
	SEAT ARMREST	INBOARD MOUNTED ARM REST, DRIVER'S SEAT ONLY
S	SEAT BELT(S)	LAP & SHOULDER (BOTH SEATS) CAB MOUNTED SHOULDER BELT ADJUSTMENT (NOT AVAIL W/EXTENDED RIDER SEAT)
S	IGNITION TYPE	KEY TYPE
s	STEERING WHEEL	2 SPOKE URETHANE GRIP, GUNMETAL SPOKES, W/O SWITCHES
s	WINDSHIELD TYPE	TWO PIECE WINDSHIELD
	CAB GLASS	HEATED TINTED WINDSHIELD, TINTED SIDE AND REAR WINDOW
S	WASHER RESERVOIR POSITION	W/O WINDSHIELD WASHER OPTION
	WINDSHIELD WIPERS	2 SPEED ELECTRIC MOTOR WINTERMITTENT FEATURE & ARCTIC WIPER BLADES

CAB	EXTERIOR	DESCRIPTION
5	AIR INTAKE GRILL FINISH	GRAY AIR INTAKE WITH BLACK HOOD LATCHES
s	GRILLE	SILVER PAINTED W/O GRILLE SURROUND
S	PASSENGER SIDE VISIBILITY OPTIONS	AUXILIARY WINDOW IN RH DOOR
	GRAB HANDLES	BF EXTERIOR CAB GRAB HANDLES, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST
	HORN - AIR	(2) MACK RECTANGULAR SINGLE TRUMPET, BRIGHT FINISH ALUMINUM W/SNOW SHIELDS
5	HORN - ELECTRICAL	SINGLE TONE

- Butter British British British			State of the later		
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SUN VISOR - EXTERIOR SUN VISOR, EXTERIOR, FIBERGLASS (PAINTED) AERODYNAMIC DEVICES S CAB AERODYNAMIC PACKAGES WITHOUT CAB AERODYNAMIC DEVICES FRONT CHASSIS AERODYNAMIC WITHOUT FRONT AERODYNAMIC FAIRINGS WHEELS & TIRES TIRES BRAND/TYPE - FRONT WHEELS - FRONT S TIRES BRAND/TYPE - REAR 11R22.5 G BRIDGESTONE M713 ECOPIA (23360 lbs) (DRIVE ONLY) (Total for QTY = 8)		EXTERIOR	DESCRIPTION
DESCRIPTION CAB AERODYNAMIC PACKAGES FRONT CHASSIS AERODYNAMIC PACKAGE WITHOUT CAB AERODYNAMIC PACKAGES FRONT CHASSIS AERODYNAMIC PACKAGE WITHOUT FRONT AERODYNAMIC FAIRINGS PRONT CHASSIS AERODYNAMIC PACKAGE WITHOUT FRONT AERODYNAMIC FAIRINGS PRONT CHASSIS AERODYNAMIC THES BRAND/TYPE - FRONT 21 SISSER22.5 L. BRIDGESTONE M870 (20000 lbs) (Total for GTY = 2) 22 SAS 29 ALCOA SBUURIS CLEAN BUFFED ALLMINUM, 6.94" OFFSET, 10 HAND HOLE (Total for 1 2) 23 SAS ALCOA ULTARS CLEAN BUFFED ALLMINUM, 6.94" OFFSET, 10 HAND HOLE (Total for 1 2) 25 SAS 25 ALCOA ULTARS CLEAN BUFFED ALLMINUM, 6.90" OFFSET, 10 HAND HOLE (Total for 1 2) 25 SAS 25 ALCOA ULTARS CLEAN BUFFED ALLMINUM, 6.90" OFFSET, 10 HAND HOLE (Total for 1 2) 25 SAS 25 ALCOA ULTARS CLEAN BUFFED ALLMINUM, 6.90" OFFSET, 10 HAND HOLE (Total for 1 2) 25 FRONT HUBWHEEL STUDS 25 FRONT HUBWHEEL TRIM WITHOUT READ HUBWHEEL TRIM WITHOUT READ HUBWHEEL TRIM (Total for GTY = 2) 25 FRONT HUBWHEEL TRIM WITHOUT READ HUBWHEEL TRIM (TOTAL FOR THUBWHEEL TRIM) WITHOUT READ HUBWHEEL TRIM (TOTAL FOR THUBWHEEL TRIM) WHEEL NUT A FINISH, FRONT WHEEL NUT A FINISH, FRONT WHEEL NUT A FINISH, FRONT WHEEL NUT BASIC FINISH, REAR COPPLICATION SYSTOMS CO		MIRRORS - EXTERIOR	BULLDOG STYLIZED MIRRORS - LH & RH HEATED & MOTORIZED W/INTEGRAL CONVEX MIRRO
CAB AERODYNAMIC PACKAGES FRONT CHASSIS AERODYNAMIC PACKAGE FRONT CHASSIS AERODYNAMIC PACKAGE TRES BRANDITYPE - FRONT 31586R22 S. BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2) 22,550.00 ALCOA 89UGAC CLEAN BUFFED ALUMINUM, 6.94" OFFSET, 10 HAND HOLE (Total for 3) 31586R22 S. BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23360 lbs) (DRIVE ONLY) (Total for QTY = 3) 31586R22 S. BRIDGESTONE M713 ECOPIA (23360 lbs) (DRIVE ONLY) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23360 lbs) (DRIVE ONLY) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23360 lbs) (DRIVE ONLY) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23060 lbs) (DRIVE ONLY) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23060 lbs) (DRIVE ONLY) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23060 lbs) (DRIVE ONLY) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23060 lbs) (DRIVE ONLY) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23060 lbs) (DRIVE ONLY) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23060 lbs) (DRIVE ONLY) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23060 lbs) (DRIVE ONLY) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23060 lbs) (DRIVE ONLY) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23060 lbs) (DRIVE ONLY) (Total for QTY = 2) 31586R22 S. BRIDGESTONE M713 ECOPIA (23060 lbs) (DRIVE CHAP) (DRIVE M714 (23060 lbs) (DRIVE ONLY) (DRIVE M714 (23060 l		SUN VISOR - EXTERIOR	SUN VISOR, EXTERIOR, FIBERGLASS (PAINTED)
PRONT CHASSIS AERODYNAMIC PROKAGE PROKT CHASSIS AERODYNAMIC PROKAGAGE NITHOUT FRONT AERODYNAMIC FAIRINGS NITHES BRANDITYPE - FRONT NIHEBS - FRONT NIHBS	AE FRO	DDYNAMIC DEVICES	DESCRIPTION
PACKAGE WITHOUT PRONT ACHOUGHAND. PAIRTINGS WHEELS FRONT 31 SWARG 22 S. L BRIDGESTONE MATO (2000) by (Total for CTY = 2) 22 5-0.00 ALCOA SQUEAX CLEAN BUFFED ALUMINUM, 6.94" OFFSET, 10 HAND HOLE (Total for CTY = 2) 22 5-0.00 ALCOA SQUEAX CLEAN BUFFED ALUMINUM, 6.94" OFFSET, 10 HAND HOLE (Total for CTY = 2) 31 TIRES BRANDITYPE - REAR WHEELS - REAR WHEELS - REAR 22 5-0.00 ALCOA SQUEAX CLEAN BUFFED ALUMINUM, 6.94" OFFSET, 10 HAND HOLE (Total for CTY = 2) 32 SWARD VALVE STEMS AND CAPS BRIVE WHEEL STUDS DRIVE WHEEL STUDS LONGER LENGTH STANDARD VALVE STEMS AND CAPS FRONT HUBWHEEL TRIM WITHOUT REAR HUBWHEEL TRIM (TOTAL FOR MATO) REAR HUBWHEEL TRIM WITHOUT REAR HUBWHEEL TRIM (TOTAL FOR MATO) WHEEL NUT BASIC FINISH, FRONT WHEEL NUT BASIC FINISH, FRONT WHEEL NUT BASIC FINISH, FRONT WHEEL NUT BASIC FINISH, REAR COMMUNICATIONS OF SYSTEMS COMMUNICATIONS OF SYSTEMS COMMUNICATIONS OF SYSTEMS COULT TEMP, ENGINE SHUTDOWN COLANT TEMP, ENGINE SHUTDOWN C	3	CAB AERODYNAMIC PACKAGES	WITHOUT CAB AERODYNAMIC DEVICES
TIRES BRAND/TYPE - FRONT WHEELS - FRONT WHEELS - FRONT 22.55.00 ALCOA BBUGKS CLEAN BUFFED ALUMINUM, 6.94" OFFSET, 10 HAND HOLE (Total for 27 = 2) 11 TIRES BRAND/TYPE - REAR WHEELS - REAR 11 TIRES G BRIDGESTONE M713 ECOPIA (2350 bits) (DRIVE ONLY) (Total for 07Y = 8) DRIVE WHEEL STUDS DRIVE WHEEL STUDS DRIVE WHEEL STUDS DRIVE WHEEL STUDS LONGER LENGTH TIRE INFLATION VALVE STANDARD VALVE STEMS AND CAPS WITHOUT FRONT HUBWHEEL TRIM WITHOUT FRONT HUBWHEEL TRIM (Total for 07Y = 2) WHEEL NUT & FINISH, FRONT WHEEL NUT & FINISH, FRONT WHEEL NUT BASIC FINISH, FRONT WHEEL NUT BRISH, FRONT WHEEL NUT BRISH REAR CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1 TELEMATIC GATEWAY AGAINST GALE STEWAY COOLANT TEMP, ENGINE SHUTDOWN OCOLANT TEMP, ENGINE SHUTDOWN DILE CONTROL, 550 RPM INCREASE 10 MINUTE MAXIMUM TIME SIDLE SO WARM-UP TEMP 30 SEC IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED 30 SEC IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED 30 SEC IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENGINE IDLE SO WARM-UP TIMEP 30 SEC IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENGINE IDLE SHUTDOWN IF POWER > LIMIT IDLE SO WARM-UP TIMEP 30 SEC IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENGINE IDLE SHUTDOWN OVERIDE UPTO 20% ENGINE LOAD THRESHOLD AMBIENT TEMP MAX TRESHOLD AMBIENT TEMP MAX TRESHO	3		WITHOUT FRONT AERODYNAMIC FAIRINGS
WHEELS - FRONT 22,59,00 ALCOA 89864x CLEAN BUFFED ALUMINUM, 6.94" OFFSET, 10 HAND HOLE (Total for #2) TIRES BRAND/TYPE - REAR 22,58,25 ALCOA ULT36x CLEAN BUFFED ALUMINUM, 6.90" OFFSET, 10 HAND HOLE (Total for #3) Brive wheels studs DRIVE wheels studs Longer Length STANDARD VALVE STEMS AND CAPS FRONT HUBWHEEL TRIM WITHOUT FRONT HUBWHEEL TRIM WITHOUT FRONT HUBWHEEL TRIM WHEEL NUT BASIC FINISH, FRONT WHEEL NUT FINISH, REAR (CA) WHEEL NUT BASIC FINISH, REAR COMMUNICATION 5-25 TEMS CO-FILOT DISPLAY FATURES ACCESS LEVEL TELEMATIC GATEWAY TELEMATICS GATEWAY, 4GLTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES NOTIFIE ELECTRONICS DESCRIPTION OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGI	VHIE	ELS & TIRES	DESCRIPTION
TIRES BRANDITYPE - REAR 11R225 G BRIDGESTONE M713 ECOPIA (23380 lbs) (DRIVE ONLY) (Total for CTY = 8) WHEELS - REAR 22,588,25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for E8) DRIVE WHEEL STUDS DRIVE WHEEL STUDS DRIVE WHEEL STUDS LONGER LENGTH STANDARD VALVE STANDARD VALVE STANDARD VALVE STEMS AND CAPS FRONT HUBWHEEL TRIM WITHOUT FRONT HUBWHEEL TRIM (WITHOUT FRONT HUBWHEEL TRIM) WHEEL NUT & FINISH, FRONT WHEEL NUT BASIC FINISH, FRONT WHEEL NUT BASIC FINISH, FRONT WHEEL NUT BASIC FINISH, REAR COMMUNICATION SYSTEMS CO-FILOT - DISPLAY PEATURES ACCESS LEVEL TELEMATIC GATEWAY TELEMATIC GATEWAY TELEMATIC GATEWAY TELEMATIC GATEWAY, 4GUTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES NGINE BLECTRONIGS OIL PRESSURE, ENGINE SHUTDOWN OIL PRESSURE, ENGINE SHUTDOWN OIL PRESSURE, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE PROTECTION (SHUTDOWN) IDLE CONTROL, 650 RPM INCREASE 10 MINIUTE MAXIMUM TIME IDLE SID WARNING TIME 30 SEC DIE SID WARNING TIME 50 LILE SID WARNING TIME 5 MIN. WARM UP TIME DELAY 5 MIN. WARM UP TIME DELAY 5 MIN. WARM UP TIME DELAY 5 MIN. WARM UP TIME OVERRIDDEN IF PTO ACTIVE ENGINE SHUTDOWN TIME OVERRID		TIRES BRAND/TYPE - FRONT	315/80R22.5 L BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2)
WHEELS - REAR 22, 548,25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.80° OFFSET, 10 HAND HOLE (Total for e) 1 DRIVE WHEEL STUDS 1 DRIVE WHEEL STUDS LONGER LENGTH 3 DRIVE WHEEL STUDS LONGER LENGTH 3 TIRE INFLATION VALVE 3 STANDARD VALVE STEMS AND CAPS 4 FRONT HUBWHEEL TRIM 5 WHEEL NUT & FINISH, FRONT 6 WHEEL NUT & FINISH, FRONT 6 WHEEL NUT & FINISH, FRONT 7 WHEEL NUT BASIC FINISH, FRONT 8 WHEEL NUT FINISH, REAR (CA) 8 DESCRIPTION 8 OLL PRESSURE, ENGINE SHUTDOWN 9 COOLANT TEMP, ENGINE SHUTDOWN 9 COOLANT TEMP, ENGINE SHUTDOWN 10 COOLANT TEMP, ENGINE SHUTDOWN 10 ENGINE PROTECTION SYSTEM 10 ENGINE PROTECTION SYSTEM 10 ENGINE PROTECTION SYSTEM 10 IDLE SIO WARNING TIME 10 IDL		WHEELS - FRONT	22,5x9.00 ALCOA 89U64x CLEAN BUFFED ALUMINUM, 6.94" OFFSET, 10 HAND HOLE (Total for Q = 2)
TIRE INFLATION VALVE STANDARD VALVE STEMS AND CAPS FRONT HUBWHEEL TRIM WITHOUT FRONT HUBWHEEL TRIM (Total for QTY = 2) WHEEL NUT & FINISH, FRONT WHEEL NUT BRISIC FINISH, FRONT WHEEL NUT BRISIC FINISH, REAR COMMUNICATION SYSTEMS COPILOT DISPLAY PEATURES ACCESS LEVEL TELEMATIC GATEWAY TEL	3		22,5x8.25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for Q
FRONT HUBWHEEL TRIM WITHOUT FRONT HUBWHEEL TRIM (Total for QTY = 2) WHEEL NUT & FINISH, FRONT WHEEL NUT BASIC FINISH, REAR COMMUNICATION SYSTEMS CO-PILOT - DISPLAY PEATURES A CCESS LEVEL 1 TELEMATIC GATEWAY TELEMATIC GATEWAY TELEMATIC GATEWAY, 4GALTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES ENGINE ELECTRONICS OIL PRESSURE, ENGINE SHUTDOWN OIL PRESSURE, ENGINE SHUTDOWN SOLOANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE IDLE CONTROL SOLOANT TEMP, ENGINE SHUTDOWN OLOANT TEMP, ENGINE SHUTDOWN SOLOANT TEMP, ENGINE SHUTDOWN INCREASE 10 MINUTE MAXIMUM TIME IDLE SID BAS TAMPER CHECK IDLE SID BAS TAMPER CHECK IDLE SID BAS TAMPER CHECK IDLE SID WARNING TIME 30 SEC IDLE SID WARNING TIME 30 SEC IDLE SID WARNING TIME 31 IDLE SID FYTO ACTIVE ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENGINE IDLE SHUTDOWN IF POWER > LIMIT ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT IDLE SID OVERRIDE SHENGINE LOAD AMBIENT TEMP MIN TRESHOLD AMBIENT TEMP MIN TRESHO	3	DRIVE WHEEL STUDS	DRIVE WHEEL STUDS LONGER LENGTH
REAR HUBWHEEL TRIM WITHOUT REAR HUB/WHEEL TRIM (Total for QTY = 2) WHEEL NUT & FINISH, FRONT WHEEL NUT BASIC FINISH, FRONT WHEEL NUT FINISH, REAR (CA) WHEEL NUT BASIC FINISH, REAR CO-PILOT - DISPLAY FEATURES ACCESS LEVEL TELEMATIC GATEWAY TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1 TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES COLOURT TEMP, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN COOLA	5	TIRE INFLATION VALVE	STANDARD VALVE STEMS AND CAPS
WHEEL NUT & FINISH, FRONT WHEEL NUT FINISH, REAR (CA) WHEEL NUT FINISH, REAR (CA) WHEEL NUT BASIC FINISH, REAR COMMUNICATION SYSTEMS COPILOT - DISPLAY FEATURES ACCESS LEVEL TELEMATIC GATEWAY TELEMATIC GATEWAY TELEMATIC GATEWAY TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES ENGINE ELECTRONICS DESCRIPTION OIL PRESSURE, ENGINE SHUTDOWN OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE PROTECTION SYSTEM ENGINE PROTECTION SYSTEM ENGINE PROTECTION (SHUTDOWN) ENGINE ELECATED IDLE CONTROL SMART IDLE ELEVATED IDLE RPM TIME INCREASE 10 MINUTE MAXIMUM TIME IDLE SID WARNING TIME SO EDLE SID WARNING TIME SO SEC IDLE SID WARNING TIME SO IDLE SID IF PTO ACTIVE ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT IDLE SID OVERIDE %ENGINE LOAD AMBIENT TEMP MIN TRESHOLD AMBIENT TEMP MAX TRESHOLD EL HAND THROTTLE, MAX ROAD SPEED ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH) EL HAND THROTTLE, MAX ROAD SPEED ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM	3	FRONT HUB/WHEEL TRIM	WITHOUT FRONT HUB/WHEEL TRIM
CO-PILOT DISPLAY FEATURES CO-PILOT DISPLAY FEATURES CO-PILOT DISPLAY FEATURES CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1 TELEMATIC GATEWAY TELEMATIC GATEWAY TELEMATIC GATEWAY TELEMATIC GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES ENGINE ELECTRONICS DESCRIPTION OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE PROTECTION SYSTEM ENGINE PROTECTION SYSTEM ENGINE PROTECTION SYSTEM INCREASE 10 MINUTE MAXIMUM TIME TIME TIME TIME TIME TIME SI DILE SID ABS TAMPER CHECK DILE SID WARNING TIME 30 SEC IDLE SID WARNING TIME 30 SEC IDLE SID WARNING TIME 30 SEC IDLE SID WARNING TIME TO SEE SID WARNING TIME TO S	3	REAR HUBAWHEEL TRIM	WITHOUT REAR HUB/WHEEL TRIM (Total for QTY = 2)
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CO-PILOT DISPLAY FEATURES ACCESS LEVEL TELEMATIC GATEWAY TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES ENGINE ELECTRONICS DESCRIPTION OIL PRESSURE, ENGINE SHUTDOWN OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE PROTECTION SYSTEM ENGINE PROTECTION (SHUTDOWN) ENGINE PROTECTION SYSTEM ENGINE PROTECTION (SHUTDOWN) ENGINE PROTECTION (SHUTDOWN) ENGINE PROTECTION (SHUTDOWN) INCREASE 10 MINUTE MAXIMUM TIME INCREASE 10 MINUTE MAXIMUM TIME IDLE S/D WARNING TIME 30 SEC IDLE S/D WARNING TIME SIDLE S/D IF WARN-UP TEMP 38C DEG (100F), WARM UP TEMP DELAY SIDLE S/D IF PTO ACTIVE ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT IDLE S/D OVERIDE %ENGINE LOAD AMBIENT TEMP MIN TRESHOLD AMBIENT TEMP MIN TRESHOLD AMBIENT TEMP MIN TRESHOLD AMBIENT TEMP MIN TRESHOLD AMBIENT TEMP MAX TRESHOLD. AMBIENT TEMP MAX TRESHOLD	S	WHEEL NUT FINISH, REAR (CA)	WHEEL NUT BASIC FINISH, REAR
TELEMATIC GATEWAY TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES DESCRIPTION OIL PRESSURE, ENGINE SHUTDOWN OIL PRESSURE, ENGINE SHUTDOWN OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE PROTECTION (SHUTDOWN) ENGINE IDLE CONTROL SMART IDLE ELEVATED IDLE RPM TIME IDLE S/D ABS TAMPER CHECK IDLE S/D WARNING TIME JOLE S/D WARNING TIME JOLE S/D WARNING TIME JOLE S/D WARNING TIME SMIDLE S/D WARNING TIME JOLE S/D WARNING	CM)		DESCRIPTION
TELEMATIC GATEWAY TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES DESCRIPTION OIL PRESSURE, ENGINE SHUTDOWN OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE PROTECTION (SHUTDOWN) ENGINE PROTECTION SYSTEM ENGINE PROTECTION (SHUTDOWN) ENGINE SHUTDOWN TIME ENGINE PROTECTION (SHUTDOWN) ENGINE SHUTDOWN TIME ENGINE PROTECTION (SHUTDOWN) ENGINE SHUTDOWN ENGINE SHUTDO	5		CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1
OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE PROTECTION SYSTEM ENGINE PROTECTION SYSTEM ENGINE PROTECTION (SHUTDOWN) ENGINE PROTECTION (SHUTDOWN) ENGINE PROTECTION (SHUTDOWN) IDLE CONTROL, 650 RPM INCREASE 10 MINUTE MAXIMUM TIME IDLE S/D ABS TAMPER CHECK IDLE S/D WARNING TIME IDLE S/D WARNING TIME IDLE S/D WARNING TIME IDLE S/D IF WARM-UP TEMP IDLE S/D IF WARM-UP TEMP IDLE S/D WARM-UP TIMER IDLE S/D OVERIDE %ENGINE LOAD IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE IDLE S/D OVERIDE %ENGINE LOAD IDLE SHUTDOWN OVERIDE UPTO 20% ENGINE LOAD THRESHOLD AMBIENT TEMP MIN TRESHOLD AMBIENT TEMP MIN TRESHOLD AMBIENT TEMP MAX TRESHOLD, 16 DEG C, (60 DEG F) ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH) EL HAND THROTTLE, MAX ROAD SPEED ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 200 RPM	S		TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES
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TIME IDLE S/D ABS TAMPER CHECK IDLE S/D WARNING TIME 30 SEC IDLE S/D WARNING TIME 38 IDLE S/D IF WARNING TIME 38 IDLE S/D WARNING TIME 5 MIN. WARN UP TIME DELAY 5 MIN. WARN UP TIME DELAY 6 IDLE SHUTDOWN IF PTO ACTIVE 6 IDLE SHUTDOWN IF POWER > LIMIT 6 IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE 6 IDLE SHUTDOWN OVERIDE UPTO 20% ENGINE LOAD THRESHOLD 6 AMBIENT TEMP MIN TRESHOLD 6 AMBIENT TEMP MIN TRESHOLD 6 AMBIENT TEMP MIN TRESHOLD 6 AMBIENT TEMP MAX TRESHOLD 6 AMBIENT TEMP MAX TRESHOLD 6 EL HO THROTTLE, MAX ROAD SPEED 6 EL HO THROTTLE, MAX ROAD SPEED 6 EL HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM 6 EL HAND THROTTLE, MIN ENG SPEED 6 ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM	3	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN
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AMBIENT TEMP MAX TRESHOLD AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F) EL HO THROTTLE, MAX ROAD SPEED ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH) EL HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM EL HAND THROTTLE, MIN ENGINE SPEED, 700 RPM	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE IDLE CONTROL SMART IDLE ELEVATED IDLE RPM TIME IDLE S/D ABS TAMPER CHECK IDLE S/D WARNING TIME IDLE S/D IF WARM-UP TEMP IDLE S/D WARM-UP TIMER IDLE S/D IF PTO ACTIVE IDLE SHUTDOWN IF POWER > LIMIT	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION (SHUTDOWN) IDLE CONTROL, 650 RPM INCREASE 10 MINUTE MAXIMUM TIME IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED 30 SEC IDLE S/D WARNING TIME 38C DEG (100F), WARM UP TEMP DELAY 5 MIN. WARM UP TIME DELAY ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT
EL HO THROTTLE,MAX ROAD SPEED ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH) EL HAND THROTTLE,MAX ENG SPEED ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM EL HAND THROTTLE,MIN ENG SPEED ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE IDLE CONTROL SMART IDLE ELEVATED IDLE RPM TIME IDLE S/O ABS TAMPER CHECK IDLE S/O WARNING TIME IDLE S/O IF WARNING TIME IDLE S/O IF WARNING TIME IDLE S/O IF PTO ACTIVE IDLE S/O OVERIDE %ENGINE LOAD	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION (SHUTDOWN) IDLE CONTROL, 650 RPM INCREASE 10 MINUTE MAXIMUM TIME IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED 30 SEC IDLE S/D WARNING TIME 38C DEG (100F), WARM UP TEMP DELAY 5 MIN. WARM UP TIME DELAY ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT IDLE SHUTDOWN OVERIDE UPTO 20% ENGINE LOAD THRESHOLD
EL HAND THROTTLE,MAX ENG SPEED ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM EL HAND THROTTLE,MIN ENG SPEED ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM		OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE IDLE CONTROL SMART IDLE ELEVATED IDLE RPM TIME IDLE S/D ABS TAMPER CHECK IDLE S/D WARNING TIME IDLE S/D IF WARNI-UP TEMP IDLE S/D WARNI-UP TIMER IDLE S/D IF PTO ACTIVE IDLE S/D OVERIDE %ENGINE LOAD AMBIENT TEMP MIN TRESHOLD	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION (SHUTDOWN) IDLE CONTROL, 650 RPM INCREASE 10 MINUTE MAXIMUM TIME IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED 30 SEC IDLE S/D WARNING TIME 38C DEG (100F), WARM UP TEMP DELAY 5 MIN. WARM UP TIME DELAY ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT IDLE SHUTDOWN OVERIDE UPTO 20% ENGINE LOAD THRESHOLD AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)
EL HAND THROTTLE, MIN ENG SPEED ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED. 700 RPM	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE IDLE CONTROL SMART IDLE ELEVATED IDLE RPM TIME IDLE S/D ABS TAMPER CHECK IDLE S/D WARNING TIME IDLE S/D IF WARNING TIME IDLE S/D IF WARNING TIME IDLE S/D WARNING TIME IDLE S/D WARNING TIME IDLE S/D WARNING TIME IDLE S/D OVERIDE S/ENGINE LOAD AMBIENT TEMP MIN TRESHOLD AMBIENT TEMP MAX TRESHOLD	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION (SHUTDOWN) IDLE CONTROL, 650 RPM INCREASE 10 MINUTE MAXIMUM TIME IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED 30 SEC IDLE S/D WARNING TIME 38C DEG (100F), WARM UP TEMP DELAY 5 MIN. WARM UP TIME DELAY ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT IDLE SHUTDOWN OVERIDE UPTO 20% ENGINE LOAD THRESHOLD AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (80 DEG F) AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)
사람들이 그렇게 되는 사람들이 가는 사람들이 되는 사람들이 되었다. 그런 사람들이 되었다면 하는 사람들이 되었다면 하는 것이 없는데 가장 그렇게 되었다.	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE IDLE CONTROL SMART IDLE ELEVATED IDLE RPM TIME IDLE S/D ABS TAMPER CHECK IDLE S/D WARNING TIME IDLE S/D IF WARNING TIME IDLE S/D IF WARNING TIME IDLE S/D IF PTO ACTIVE IDLE S/D IF PTO ACTIVE IDLE S/D OVERIDE %ENGINE LOAD AMBIENT TEMP MIN TRESHOLD AMBIENT TEMP MAX TRESHOLD EL HO THROTTLE,MAX ROAD SPEED	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION (SHUTDOWN) IDLE CONTROL, 650 RPM INCREASE 10 MINUTE MAXIMUM TIME IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED 30 SEC IDLE S/D WARNING TIME 38C DEG (100F), WARM UP TEMP DELAY 5 MIN, WARM UP TIME DELAY ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT IDLE SHUTDOWN OVERIDE UPTO 20% ENGINE LOAD THRESHOLD AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (80 DEG F) ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)
	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION SYSTEM ENGINE IDLE CONTROL SMART IDLE ELEVATED IDLE RPM TIME IDLE S/D ABS TAMPER CHECK IDLE S/D WARNING TIME IDLE S/D IF WARM-UP TEMP IDLE S/D IF WARM-UP TIMER IDLE S/D IF PTO ACTIVE IDLE SHUTDOWN IF POWER > LIMIT IDLE S/D OVERIDE %ENGINE LOAD AMBIENT TEMP MIN TRESHOLD EL HO THROTTLE, MAX ROAD SPEED EL HAND THROTTLE, MAX ENG SPEED	OIL PRESSURE, ENGINE SHUTDOWN COOLANT TEMP, ENGINE SHUTDOWN ENGINE PROTECTION (SHUTDOWN) IDLE CONTROL, 650 RPM INCREASE 10 MINUTE MAXIMUM TIME IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED 30 SEC IDLE S/D WARNING TIME 38C DEG (100F), WARM UP TEMP DELAY 5 MIN. WARM UP TIME DELAY ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT IDLE SHUTDOWN OVERIDE UPTO 20% ENGINE LOAD THRESHOLD AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F) ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH) ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM



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HI RETAILS!	MISSION ELECTRONICS	DESCRIPTION
	TRANSMISSION ELECTRONICS PACKAGE	DUMP/VOCATIONAL/PLOW(223) - REQUIRES SERVICE BRAKE TO ENGAGE GEAR (4TH GEAR LI SECONDARY FOR PLOW
	TRANSM AUTO NEUTRAL ON P-BRAKE	ALLISON PARK BRAKE AUTO NEUTRAL-REQUIRES PARK BRAKE TO BE DISENGAGED PRIOR TO
	TRANSMISSION ELECTRONIC	SELECTING A GEAR TO DR
S	SHIFTING PROPERTIES	W/O ALLISON FUELSENSE 2.0 PROGRAMMING
VEHICL	E ELECTRONICS	DESCRIPTION
s	ROAD SPEED LIMITER SETTING	105 KM/H ROAD SPEED LIMITER(65 MPH)
	PEDAL RSL SETTING	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)
S	CRUISE CONTROL	CRUISE CONTROL
S	CRUISE CONTROL, MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)
S	CRUISE CONTROL MIN SPEED	MIN CRUISE, 32 KPH (20 MPH)
	ENG BRK ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 10 MPH, ABOVE SET SPEED
s	PDLO ENGAGED VLS	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)
s	DETECTION SPEED SENSR TMPRNG	DETECTION OF SPEED SENSOR TAMPERING, ENABLE
s	ENG TORQUE LIMIT, SPEED SENSOR	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED
S	DRIVER ID FUNCTION	DRIVER ID FUNCTION, DISABLED
s	DR PERFORMANCE PARAMETERS	WITHOUT DRIVER PERFORMANCE PARAMETERS
S	ENGINE OVERSPEED, ALL COND, LOG	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM
S	ENGINE OVERSPEED, FUELED, LOG	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM
s	VEHICLE OVERSPEED, ALL COND, LOG	VEHICLE OVERSPEED, ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)
S	VEHICLE OVERSPEED, FUELED, LOG	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)
	일 보면 문화가 있는 것 같아 보고 있는데 가는 것 같아 되었다.	
S	ENGINE IDLE DELAY TO LOG	ENGINE IDLE DELAY TO START LOG, 2 MIN
s s	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG, DAY 1 OF THE MONTH
s	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG, DAY 1 OF THE MONTH
S PTO EL	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG, DAY 1 OF THE MONTH DESCRIPTION
s sees	PERIODIC TRIP LOG DAY OF MONTH ECTRONICS PTO1 SINGLE SPEED CONTROL RPM.	PERIODIC TRIP LOG, DAY 1 OF THE MONTH DESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM
s S S	PERIODIC TRIP LOG DAY OF MONTH REFERENCES PTO 1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED	PERIODIC TRIP LOG, DAY 1 OF THE MONTH DESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)
s s s s	PERIODIC TRIP LOG DAY OF MONTH RETEONIOS PTO 1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE	PERIODIC TRIP LOG, DAY 1 OF THE MONTH DESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC
S S S S S	PERIODIC TRIP LOG DAY OF MONTH ECITEONICS PTO 1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, MAX ENGINE SPEED	PERIODIC TRIP LOG, DAY 1 OF THE MONTH DESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM
S S S S S S	PERIODIC TRIP LOG DAY OF MONTH RETRONICS: PTO 1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, MAX ENGINE SPEED PTO 1ST, ROAD SPEED LIMIT	PERIODIC TRIP LOG, DAY 1 OF THE MONTH DESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)
S S S S S S	PERIODIC TRIP LOG DAY OF MONTH RETRONICS PTO1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, MAX ENGINE SPEED PTO 1ST, ROAD SPEED LIMIT PTO 1ST, MINIMUM ENGINE SPEED	PERIODIC TRIP LOG, DAY 1 OF THE MONTH PESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM
S S S S S S S S S S S S S S S S S S S	PERIODIC TRIP LOG DAY OF MONTH ECTRONICS PTO1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, MAX ENGINE SPEED PTO 1ST, ROAD SPEED LIMIT PTO 1ST, MINIMUM ENGINE SPEED PTO 2ND, SINGLE SPEED SETTING	PERIODIC TRIP LOG, DAY 1 OF THE MONTH PESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM PTO 2ND, SINGLE SPEED SETTING, 1000 RPM
S S S S S S S S S S S S S S S S S S S	PERIODIC TRIP LOG DAY OF MONTH PTO 1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, MAX ENGINE SPEED PTO 1ST, ROAD SPEED LIMIT PTO 1ST, MINIMUM ENGINE SPEED PTO 2ND, SINGLE SPEED SETTING PTO 2ND, MAX ROAD SPEED	PERIODIC TRIP LOG, DAY 1 OF THE MONTH PESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM PTO 2ND, SINGLE SPEED SETTING, 1000 RPM 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)
S S S S S S S S S S S S S S S S S S S	PERIODIC TRIP LOG DAY OF MONTH PTO 1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, MAX ENGINE SPEED PTO 1ST, ROAD SPEED LIMIT PTO 1ST, MINIMUM ENGINE SPEED PTO 2ND, SINGLE SPEED SETTING PTO 2ND, MAX ROAD SPEED PTO 2ND, SPEED RAMP RATE	PERIODIC TRIP LOG, DAY 1 OF THE MONTH PESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM PTO 2ND, SINGLE SPEED SETTING, 1000 RPM 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 2ND, SPEED RAMP RATE 100 RPM/SEC
S S S S S S S S S S S S S S S S S S S	PERIODIC TRIP LOG DAY OF MONTH PTO 1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, MAX ENGINE SPEED PTO 1ST, ROAD SPEED LIMIT PTO 1ST, MINIMUM ENGINE SPEED PTO 2ND, SINGLE SPEED SETTING PTO 2ND, MAX ROAD SPEED PTO 2ND, SPEED RAMP RATE PTO 2ND, MAX ENGINE SPEED	PERIODIC TRIP LOG, DAY 1 OF THE MONTH PESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM PTO 2ND, SINGLE SPEED SETTING, 1000 RPM 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 2ND, SPEED RAMP RATE 100 RPM/SEC PTO 2ND, MAX ENGINE SPEED, 2100 RPM
S S S S S S S S S S S S S S S S S S S	PERIODIC TRIP LOG DAY OF MONTH PERIODIC TRIP LOG DAY OF MONTH PTO 1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, ROAD SPEED LIMIT PTO 1ST, MINIMUM ENGINE SPEED PTO 2ND, SINGLE SPEED SETTING PTO 2ND, MAX ROAD SPEED PTO 2ND, SPEED RAMP RATE PTO 2ND, MAX ENGINE SPEED PTO 2ND, ROAD SPEED PTO 2ND, ROAD SPEED LIMIT	PERIODIC TRIP LOG, DAY 1 OF THE MONTH PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM PTO 2ND, SINGLE SPEED SETTING, 1000 RPM 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 2ND, SPEED RAMP RATE 100 RPM/SEC PTO 2ND, MAX ENGINE SPEED, 2100 RPM PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)
S S S S S S S S S S S S S S S S S S S	PERIODIC TRIP LOG DAY OF MONTH PTO 1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, MAX ENGINE SPEED PTO 1ST, ROAD SPEED LIMIT PTO 1ST, MINIMUM ENGINE SPEED PTO 2ND, SINGLE SPEED SETTING PTO 2ND, MAX ROAD SPEED PTO 2ND, SPEED RAMP RATE PTO 2ND, MAX ENGINE SPEED	PERIODIC TRIP LOG, DAY 1 OF THE MONTH PESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM PTO 2ND, SINGLE SPEED SETTING, 1000 RPM 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 2ND, SPEED RAMP RATE 100 RPM/SEC PTO 2ND, MAX ENGINE SPEED, 2100 RPM
S S S S S S S S S S S S S S S S S S S	PERIODIC TRIP LOG DAY OF MONTH PERIODIC TRIP LOG DAY OF MONTH PTO 1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, ROAD SPEED LIMIT PTO 1ST, MINIMUM ENGINE SPEED PTO 2ND, SINGLE SPEED SETTING PTO 2ND, MAX ROAD SPEED PTO 2ND, SPEED RAMP RATE PTO 2ND, MAX ENGINE SPEED PTO 2ND, ROAD SPEED PTO 2ND, ROAD SPEED LIMIT	PERIODIC TRIP LOG, DAY 1 OF THE MONTH PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM PTO 2ND, SINGLE SPEED SETTING, 1000 RPM 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 2ND, SPEED RAMP RATE 100 RPM/SEC PTO 2ND, MAX ENGINE SPEED, 2100 RPM PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)
S S S S S S S S S S S S S S S S S S S	PERIODIC TRIP LOG DAY OF MONTH PERIODIC TRIP LOG DAY OF MONTH PTO 1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, ROAD SPEED LIMIT PTO 1ST, MINIMUM ENGINE SPEED PTO 2ND, SINGLE SPEED SETTING PTO 2ND, MAX ROAD SPEED PTO 2ND, SPEED RAMP RATE PTO 2ND, MAX ENGINE SPEED PTO 2ND, ROAD SPEED PTO 2ND, ROAD SPEED LIMIT	PERIODIC TRIP LOG, DAY 1 OF THE MONTH PESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM PTO 2ND, SINGLE SPEED SETTING, 1000 RPM 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 2ND, SPEED RAMP RATE 100 RPM/SEC PTO 2ND, MAX ENGINE SPEED, 2100 RPM PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM
S S S S S S S S S S S S S S S S S S S	PERIODIC TRIP LOG DAY OF MONTH ECTRONICS PTO1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, MAX ENGINE SPEED PTO 1ST, ROAD SPEED LIMIT PTO 1ST, MINIMUM ENGINE SPEED PTO 2ND, SINGLE SPEED SETTING PTO 2ND, MAX ROAD SPEED PTO 2ND, SPEED RAMP RATE PTO 2ND, MAX ENGINE SPEED PTO 2ND, ROAD SPEED LIMIT PTO 2ND, MINIMUM ENGINE SPEED	PERIODIC TRIP LOG, DAY 1 OF THE MONTH PESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM PTO 2ND, SINGLE SPEED SETTING, 1000 RPM 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 2ND, SPEED RAMP RATE 100 RPM/SEC PTO 2ND, MAX ENGINE SPEED, 2100 RPM PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM
S S S S S S S S S S S S S S S S S S S	PERIODIC TRIP LOG DAY OF MONTH PTO 1SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, MAX ENGINE SPEED PTO 1ST, ROAD SPEED LIMIT PTO 1ST, MINIMUM ENGINE SPEED PTO 2ND, SINGLE SPEED SETTING PTO 2ND, MAX ROAD SPEED PTO 2ND, SPEED RAMP RATE PTO 2ND, MAX ENGINE SPEED PTO 2ND, ROAD SPEED LIMIT PTO 2ND, MINIMUM ENGINE SPEED PTO 2ND, MINIMUM ENGINE SPEED	PERIODIC TRIP LOG, DAY 1 OF THE MONTH PESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM PTO 2ND, SINGLE SPEED SETTING, 1000 RPM 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 2ND, SPEED RAMP RATE 100 RPM/SEC PTO 2ND, MAX ENGINE SPEED, 2100 RPM PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM DESCRIPTION SINGLE COLOR
S S S S S S S S S S S S S S S S S S S	PERIODIC TRIP LOG DAY OF MONTH PTO 1 SINGLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, MAX ENGINE SPEED PTO 1ST, MINIMUM ENGINE SPEED PTO 2ND, SINGLE SPEED SETTING PTO 2ND, MAX ROAD SPEED PTO 2ND, SPEED RAMP RATE PTO 2ND, MAX ENGINE SPEED PTO 2ND, MAX ENGINE SPEED PTO 2ND, MOAD SPEED LIMIT PTO 2ND, MINIMUM ENGINE SPEED PTO 2ND, MINIMUM ENGINE SPEED PAINT DESIGN PAINT TYPE	PERIODIC TRIP LOG, DAY 1 OF THE MONTH DESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM PTO 2ND, SINGLE SPEED SETTING, 1000 RPM 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 2ND, SPEED RAMP RATE 100 RPM/SEC PTO 2ND, MAX ENGINE SPEED, 2100 RPM PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM DESCRIPTION SINGLE COLOR SOLID PAINT
S S S S S S S S S S S S S S S S S S S	PERIODIC TRIP LOG DAY OF MONTH POSSIBLE SPEED CONTROL RPM. PTO 1ST, MAX ROAD SPEED PTO 1ST, SPEED RAMP RATE PTO 1ST, MAX ENGINE SPEED PTO 1ST, ROAD SPEED LIMIT PTO 1ST, MINIMUM ENGINE SPEED PTO 2ND, SINGLE SPEED SETTING PTO 2ND, MAX ROAD SPEED PTO 2ND, SPEED RAMP RATE PTO 2ND, MAX ENGINE SPEED PTO 2ND, ROAD SPEED LIMIT PTO 2ND, MINIMUM ENGINE SPEED PTO 2ND, MINIMUM ENGINE SPEED PAINT DESIGN PAINT TYPE PAINT COLOR - FIRST COLOR	PERIODIC TRIP LOG, DAY 1 OF THE MONTH DESCRIPTION PTO 1ST, SINGLE SPEED SETTING, 1000 RPM 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 1ST, SPEED RAMP RATE 100 RPM/SEC PTO 1ST, MAX ENGINE SPEED, 2100 RPM PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM PTO 2ND, SINGLE SPEED SETTING, 1000 RPM 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH) PTO 2ND, SPEED RAMP RATE 100 RPM/SEC PTO 2ND, MAX ENGINE SPEED, 2100 RPM PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH) PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM DESCRIPTION SINGLE COLOR SOLID PAINT SCHOOL BUS YELLOW; 741173

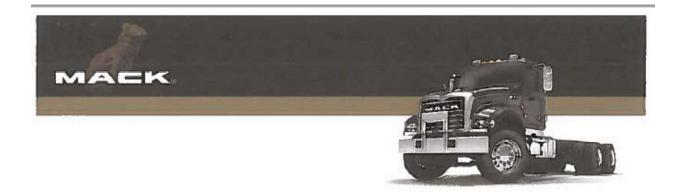
RED LAKE BAND OF CHIPPEWA INDIANS

RDO TRUCK CENTER CO.





PAINT		DESCRIPTION
ŝ	CAB COLOR	SAME AS FIRST COLOR - CAB
S	HOOD COLOR	SAME AS FIRST COLOR - HOOD
	SUN VISOR COLOR	SAME AS FIRST COLOR - SUN VISOR
S	SLEEPER ROOF COLOR	WITHOUT SLEEPER ROOF COLOR
s	ROOF FAIRING COLOR	WITHOUT ROOF FAIRING
s	CHASSIS RUNNING GEAR	MACK BLACK (URETHANE)
s	BUMPER	PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR
s	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	W/O OPTIONAL FUEL TANK PAINT
S	HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR
S	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR
CALCU	JLATED CODES - KAK	DESCRIPTION
s	PROPCALC SELECTION	YES, THE ORDER MUST BE CALCULATED
	AUTO ROUTING & CLIPPING, CENTER	AUTOMATIC ROUTING & CLIPPING PLACEMENT, CENTER SECTION
BASE	WARRANTY & PURCHASED COVERAGES	DESCRIPTION
ŝ	VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICATION
s	BASIC CHASSIS COVERAGE	HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM)
	EMISSION - SURCHARGE	EPA (only) for Mack MP7 / MP8 Diesel
S	ENGINE WARRANTY	MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)
S	EMISSION COMPONENT COVERAGE	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 50 MONTHS/100,000
	TRANSMISSION WARRANTY	MILES (161,000 KM) ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty and extended coverage
	CARRIER & AXLE HOUSING	data STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563,00 KM)
s	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE
s	CHASSIS TOWING WARRANTY	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES
S	ENGINE TOWING WARRANTY	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)
s	GUARDDOG CONNECT BUNDLE	24 MONTH - GUARDDOG CONNECT WITH MACK OTA (with ASIST and Mack OneCall))
s	PREPAID API	WITHOUT PREPAID API
s	PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION	W/O PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE
2.10	BE DISCONTINUED - GOING OBSOLETE	DESCRIPTION
s	GHG STEER TIRE CATEGORY (PAWS) (CA)	LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY
	GHG DRIVE TIRE CATEGORY (PAWS)	



PRICING SUMMARY

GRANITE 64FR

VEHICLE PRICE

\$124,997,10

TAX SUMMARY AMT. SUBJECT TO TAX

FET \$124,997.10 \$0.00
Tire Tax Credit \$N/A \$(325,10)

TOTAL TAX \$(325.10)

TOTAL SELLING PRICE (PER UNIT) \$124,672.00

RED LAKE BAND OF CHIPPEWA INDIANS DATE ROOTRUCK CENTER CO. DATE



November 6-5, 2020

Brent or Julius Red lake Roads

Red lake, MN 218-679-3645

Item	Proposal for Dump Body, Hoist and Snow & Ice Equipment Description		
4 0 454	BTE-SD450. 14'6" Severe Duty Elliptical Body, 62/46/46. 3/16" AR450 sides and ends, 1/4" AR450 floor, air trip gate, blast and primed designed		44 700 00
1.0-15A	for Mailhot CS130-5.5-3 DA Hoist 96" wide OD	\$	11,760.00
	46" Struck sides and rear	77.0000	uded uded
		20100	
	1/4"" AR400 Floor with western crossmemberless understructure	2337	uded
	3.16" AR400 sides and ends	0.000	uded
	air trip tailage		uded
	Stainless Steel Rear post with S/T/T light cutouts	10000	uded
	LED Light Kit Five year limited Warranty	2000	uded
1.31		277070	uded
1.33	Paint body one Undercoat Dump Body	\$	1,735.00
1.1		\$	675.00
1.2	Installation of Body	\$	955.00
1.36	Cougor or Vibco DC-3500 HD Vibrator, Installed Stationary 24" 10 ga. Cabshield, installed and painted	D C	1,030.00
1.39	Folding box ladder, steps inside Body	\$	1,585.00
1.41-42	Mud Flaps Front and Rear of Rear Axles	5	250.00
NCI	Shovel Holders	\$	160.00
1.56	M4000 Poly fenders with SS Bolt on Brackets	\$	80.00
NCI	Aluminum 18x18x18 toolbox installed	\$	1,620.00 475.00
	Mallhot CS130-5.5-3 DA Hoist per Specifications		
	24 tons rated capicity		
2.0-7	Two Year Limited Warranty	\$	3,613.00
1.61	Body Stabilzer	\$	1,370.00
2.0-13	Crysteel Safty props	\$	240.00
2.0-12	Installtion of Hoist	\$	805.00
	Force America MPJC-6100-4 Ulta Add-a-fold Hydraulics per		
2022	specifications Gen 5 Display screen (hoist,plow 1x, Wing 3x, Scrper		
9.00	1x, spreader	\$	20,195.00
9.27	Adder for 4 Stick Control	\$	575.00
9.21	Extra valve section for Scraper	\$	825.00
9.26-27	Seat mount kit	\$	130.00
9.84	45 gal Stainless Steel Resevoir	\$	2,230.00
9.90	Stainless Steel Valve Enclosure	\$	1,095.00
	Cable pull off, electronic	\$	200.00
	Installation of Force America Ultra Add-A-fold Hydraulic Sytem, (Includes		
9.10	Armor King hoses, Stainless Steel Pipe and standard Hydraulic Oil)	\$	5,435.00
NCI	Body up light	5	130.00
	Precise ARC Wireless air and road temp sensor with mount	S	739.00
	force America single Camera system installed	\$	575.00

*	auto reverse scraper lift kit	\$	345.00
	underbody presure LCD kit	\$	414.00
	return line manifold	S	80.00
	BTE ND Dot Wire harness with in cab fuses and distribution panel.		
	Wire rated to - 85 degrees, encased in Abrasive resistant mesh		
	protective coating (wont hold moisture)	Inc	luded
	Stainless steel Hydraulic lines	Included	
5.00	Falls 44B Pin and Loop Hitch (see options for 24B Hitch) per spec.	\$	3,049.00
5.19	Spring return	5	125.00
5.00	Installation of Hitch (includes painting of one way plow)	\$	2,000.00
	Falls FX312 One way plow with all standard Equipment and Push		
	arm for 44B hitch	\$	6,654.00
	Spring end markers	\$	107.00
	Slotted trip	\$	1,219.00
	Rubber Snow Deflector	\$	359.00
	Screw adjustable parking stand	\$	326.00
	Falls SDLP-10A Postless Scraper Mounted Hydraulic Wing with all		
4.00	Standard Equipment.	\$	8,534.00
	Rear Lift Option	\$	456.00
	Installation of Wing, (includes painting of Wing)	\$	4,400.00
	Hydraulic Buffer Bar	\$	2,264.00
	Fall IB-11A Fixed Under body Scraper	\$	6,506.00
	Installation of Scraper	\$	1,925.00
	Falls 1ASD-9 SS Stainless Steel Spreader with all Standard		
8.00	Equipment (less Dual Flow Valve)	\$	4,856.00
	Dual Manifold Plate/Box for sander Connections	\$	425.00
	Short hose kit & couplers	Inc	
	Spill shields for elliptical dump body	\$	300.00
	Installation of Sander	\$	725.00
	3/4" pup plate, Pintle ring rest hieght", Holland PH400A		
	Pintle hook rated at 40 tons. Air glad hands and 7 way electrical,		
7.00	installed	\$	2,060.00
1.000	Whelen SYS401D LED Linear Strobe sytem	\$	3,130.00
	Adjustable Cab shield mounts	\$	260.00
	Installation of Whelen DOT sytems	\$	795.00
	Truck Light 80880 LED Plow Lights on reinforced hood mounts	\$	1,615.00
	Standard LED Wing & Sander light, installed	\$	360.00
	Two Velvac blind spot mirrows installed on hood	\$	420.00
	Heated wiper blades, Installed	\$	450.00
	Total package as proposed	\$	112,641.00

Mn Stae Contract Pricing where applicable Lead time 160-200 days

X Jim Mclaughlin, Fleet Sales Jim McLaughlin, sales

YOUR TRUCK EQUIPMENT HEADQUARTERS

1-800-232-3787

(218) 233-8681 Fax 218-233-9548

3804 Hwy 75 North Moorhead, MN 56560