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TREASURE STATE
39-5568A
MONTANA - 10
PENNSYLVANIA

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CAT®

SER. NO. LGK00615

ENGINE MODEL C13

CERT NO.

MODIFICATION NO. SEE ORDER

MAX 1311 M
ALT 4301 FT

AR NO. 241-3804

ECM SOFTWARE 267-3421

CORE AR

PERF SPEC 0K-5712

OEM NO.

S (INTERCEPT) -22 S (SLOPE) 24

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OUT RPM
ETICS
CTIONS-
GEAR OIL OF THE
E VARIOUS TEMPERA-
RIAL EP GEAR OIL
EP or 150 220 EP
EP or 150 220 EP
2 EP or 150 88 EP
PERATING TEMPERATURE
ATING CONDITIONS REQUIRE TO
OF PROPER VISCOSITY. CHECK
REDUCER AT REST. ROTATE IDLE
ORROSION.

NATIONAL-OILWELL
USTON, TEXAS USA
RLAND ENGINEERING
MADE IN USA
1711606

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NATIONAL - OILWELL

PLUNGER PUMP GEAR REDUCER

RATING **300** HP AT **1750** INPUT RPM

GEAR RATIO **4.84:1** SERIAL NO. **57006**

LUBRICATION INSTRUCTIONS

GEAR REDUCER USE AN EXTREME PRESSURE OIL OF THE RECOMMENDED VISCOSITY AS SHOWN FOR THE VARIOUS TEMPERATURES SURROUNDING THE GEAR REDUCER.

TEMPERATURE	AGMA INDUSTRIAL EP GEAR OIL
+50°F to +155°F	AGMA °6 EP or ISO 320 EP
+20°F to +100°F	AGMA °5 EP or ISO 220 EP
-20°F to 60°F	AGMA °2 EP or ISO 68 EP

OIL MUST POUR FREELY AT MINIMUM OPERATING TEMPERATURE. CHANGE OIL AS FREQUENTLY AS OPERATING CONDITIONS REQUIRE TO MAINTAIN A CLEAN SLUDGE FREE OIL OF PROPER VISCOSITY. CHECK OIL LEVEL PERIODICALLY WITH GEAR REDUCER AT REST. ROTATE IDLE GEARS OCCASIONALLY TO AVOID CORROSION.

OIL CAPACITY, US GAL **3.5**

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INSTRUCTIONS TO TEST CARTRIDGE
1. SHUT OFF PUMP AND DRAIN TOOL.
2. CHECK FILLING VALVE USING COVER WITH PRESSURE GAUGE-OR
3. REMOVE 1/2" PLUG FROM HOUSING AND INSERT WIRE IN HOLE.
NOTE: FOR REPLACEMENT CARTRIDGE SPECIFY MODEL **ADBL 225**
IMPORTANT: PRE-CHARGED WITH NITROGEN. DO NOT USE OXYGEN.

MODEL	WEIGHT	WK. PRESSURE	HY TEST PRESS
MPD-225 55	LBS.	5500 P.S.I.	P.S.I.
MFG. BY-PUMP MATES INC. LONG BEACH, CALIF. 90806			



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WIP CHECK
ISC 56 17 19 24R
DATE 11/19/19



MOTOR

FAULT

TRANSMISSION

CHECK

WARN

**THROTTLE
ACELERADOR**



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REMOTE

E-STOP

**OFF
ALTO**

**START
VA**

LOCAL

OK

**WARNING: TO BE USED BY NABORS TRAINED PERSONNEL ONLY
EXCLUSIVO PARA TRABAJADORES DE NABORS**

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MOTOR CHECK WARN FAULT TRANSMISSION
THROTTLE ACCELERADOR

REMOTE E-STOP
LOG ARA-E

ON CORRE START
OFF ALTO VA

WARNING: TO BE USED BY NABORS TRAINED PERSONNEL ONLY
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WARREN CAT

Blue-Box



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Control panel for a centrifugal pump system, mounted on a red industrial structure. The panel features three analog gauges labeled SYSTEM, CHARGE, and CENTRIFUGAL. Below the gauges are control elements including a SPEED selector, an IN-CHARGE/OUT-GUN BIT selector, and an OFF/ON selector. The panel is branded with WFE (Western Fabrication Equipment) and includes three manual levers with black handles labeled SHAKER and other functions. A small metal tray is visible to the right of the panel.

LOCAL
WARNING:
EX