

OIL ANALYSIS REPORT

Sample Rating Trend







PONCA CITY Machine Id Unit 02 DB130102E

Component

Natural Gas Engine

PETRO CANADA DURON MONOGRADE HD 40W (350 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Fuel content negligible. There is no indication of any contamination in the oil.

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method limit/base current history1	history2
Sample Number Client Info PCA0100321 PCA0100329 PC	CA0045788
Sample Date Client Info 07 Nov 2023 14 Sep 2023 01	1 Aug 2023
Machine AgehrsClient Info210132091020	0473
Oil Age hrs Client Info 21013 20910 20	0473
Oil Changed Client Info Changed N/A No	ot Changd
Sample Status NORMAL NORMAL NO	ORMAL
CONTAMINATION method limit/base current history1	history2
Water WC Method >0.1 NEG NEG	NEG
WEAR METALS method limit/base current history1	history2
Iron ppm ASTM D5185m >50 9 5	<1
Chromium ppm ASTM D5185m >4 <1 0	0
Nickel ppm ASTM D5185m >2 0 0	<1
Titanium ppm ASTM D5185m 0 <1	0
Silver ppm ASTM D5185m >3 0 0	<1
Aluminum ppm ASTM D5185m >9 1 <1	3
Lead ppm ASTM D5185m >30 0 <1	<1
Copper ppm ASTM D5185m >35 <1	<1
Tin ppm ASTM D5185m >4 <1 <1	<1
VanadiumppmASTM D5185m00	0
Cadmium ppm ASTM D5185m 0 <1	0
ADDITIVES method limit/base current history1	history2
1.22	HISTOLYZ
Boron ppm ASTM D5185m 1 2	2
Boron ppm ASTM D5185m 1 2	2
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3	2 0 2
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2 0 2 0
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2 0 2 0 988
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2 0 2 0 988 1191
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2 0 2 0 988 1191 1240
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2 0 2 0 988 1191 1240 1445
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2 0 2 0 988 1191 1240 1445 3489
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2 0 2 0 988 1191 1240 1445 3489 history2
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2 0 2 0 988 1191 1240 1445 3489 history2 3 0 <1
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2 0 2 0 988 1191 1240 1445 3489 history2 3 0
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2 0 2 0 988 1191 1240 1445 3489 history2 3 0 <1
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2 0 2 0 988 1191 1240 1445 3489 history2 3 0 <1
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m <1	2 0 2 0 988 1191 1240 1445 3489 history2 3 0 <1 1.4
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m -1 <1	2 0 2 0 988 1191 1240 1445 3489 history2 3 0 <1 1.4 history2
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m -1 <1	2 0 2 0 988 1191 1240 1445 3489 history2 3 0 <1 1.4 history2
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m -1 <1	2 0 2 0 988 1191 1240 1445 3489 history2 3 0 <1 1.4 history2 0.1 4.1 13.3
Boron ppm ASTM D5185m 1 2 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 1 3 Manganese ppm ASTM D5185m -1 <1	2 0 2 0 988 1191 1240 1445 3489 history2 3 0 <1 1.4 history2 0.1 4.1 13.3



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Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: PCA0100321 : 06012636 : 10751780

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received

Diagnosed : 22 Nov 2023

Diagnostician : Jonathan Hester **Test Package**: MOB 2 (Additional Tests: FuelDilution, PercentFuel)

: 20 Nov 2023

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Magellan Midstream LP - Ponca City

3990 South Union Street Ponca City, OK US 74601 Contact: Jake Daniel

Jacob.Daniel@magellanlp.com

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