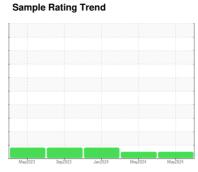


OIL ANALYSIS REPORT

(55225Z) Walgreens - Tractor [Walgreens - Tractor] 136A63357

Diesel Engine

PETRO CANADA DURON SHP 10W30 (11 GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the

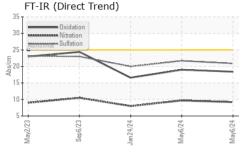
Fluid Condition

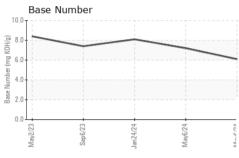
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

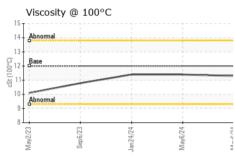
Sample Date Client Info 06 May 2024 06 May 2024 22 2 Machine Age mls Client Info 102505 102505 8 Oil Age mls Client Info 102505 102505 22 Oil Changed Client Info N/A N/A N/A O Sample Status NORMAL A CONTAMINATION method limit/base current history1 Fuel WC Method >5 <1.0 <1.0 Water WC Method NEG NEG WEG NEG NEG WEAR METALS method limit/base current history1 Iron ppm ASTM D5185m >80 39 49 Chromium ppm ASTM D5185m >2 <1 <1 Chromium ppm ASTM D5185m >2 <1 <1 Silver ppm ASTM D5185m >3 <1 </th <th>history2 PCA0105870 A Jan 2024 B0455 P5000 Dil Added ABNORMAL history2 <1.0 NEG NEG history2 22 2 2 0 <1 24 <1 159 2</th>	history2 PCA0105870 A Jan 2024 B0455 P5000 Dil Added ABNORMAL history2 <1.0 NEG NEG history2 22 2 2 0 <1 24 <1 159 2
Sample Date Client Info 06 May 2024 06 May 2024 22 2 Machine Age mls Client Info 102505 102505 8 Oil Age mls Client Info 102505 102505 22 Oil Changed Client Info N/A N/A N/A O Sample Status NORMAL A CONTAMINATION method limit/base current history1 Fuel WC Method >5 <1.0 <1.0 Water WC Method NEG NEG WEG NEG NEG WEAR METALS method limit/base current history1 Iron ppm ASTM D5185m >80 39 49 Chromium ppm ASTM D5185m >5 3 4 Nickel ppm ASTM D5185m >2 <1 <1 Silver ppm ASTM D5185m >3 <1	24 Jan 2024 20455 25000 Dil Added ABNORMAL history2 <1.0 NEG NEG history2 22 2 2 0 <1 24 <1
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Machine Age mls Client Info 102505 102505 8 Oil Age mls Client Info 102505 102505 22 Oil Changed Client Info N/A N/A N/A O Sample Status NORMAL N/A N/A O CONTAMINATION Method NORMAL A CONTAMINATION Method Imitivate Current Loo A Water WC Method NEG NEG NEG NEG Water WC Method NEG NEG <th>25000 Dil Added ABNORMAL history2 <1.0 NEG NEG history2 22 2 2 0 <1 24 <1 159</th>	25000 Dil Added ABNORMAL history2 <1.0 NEG NEG history2 22 2 2 0 <1 24 <1 159
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Nickel ppm ASTM D5185m >2 <1	2 0 <1 24 <1 159
Titanium ppm ASTM D5185m <1	0 <1 24 <1 159
Silver ppm ASTM D5185m >3 <1	<1 24 <1 159
Aluminum ppm ASTM D5185m >30 28 38 Lead ppm ASTM D5185m >30 <1 <1 Copper ppm ASTM D5185m >150 98 59 ▲ Tin ppm ASTM D5185m >5 2 3 3 Vanadium ppm ASTM D5185m <1 <1 <1 Cadmium ppm ASTM D5185m <1 <1 <1 ADDITIVES method limit/base current history1 Boron ppm ASTM D5185m 2 3 4 Barium ppm ASTM D5185m 0 2 2	24 <1 159
Lead ppm ASTM D5185m >30 <1	<1
Copper ppm ASTM D5185m >150 98 59 Tin ppm ASTM D5185m >5 2 3 Vanadium ppm ASTM D5185m <1 <1 Cadmium ppm ASTM D5185m <1 <1 ADDITIVES method limit/base current history1 Boron ppm ASTM D5185m 2 3 4 Barium ppm ASTM D5185m 0 2 2	159
Tin ppm ASTM D5185m >5 2 3 Vanadium ppm ASTM D5185m <1	
Vanadium ppm ASTM D5185m <1	2
Cadmium ppm ASTM D5185m <1	
ADDITIVES method limit/base current history1 Boron ppm ASTM D5185m 2 3 4 Barium ppm ASTM D5185m 0 2 2	<1
Boron ppm ASTM D5185m 2 3 4 Barium ppm ASTM D5185m 0 2 2	0
Barium ppm ASTM D5185m 0 2 2	history2
The second secon	3
	0
Molybdenum ppm ASTM D5185m 50 63 61	57
ManganeseppmASTM D5185m012	2
Magnesium ppm ASTM D5185m 950 878 871	857
Calcium ppm ASTM D5185m 1050 1190 1238	1083
Phosphorus ppm ASTM D5185m 995 971 988	958
Zinc ppm ASTM D5185m 1180 1159 1168	1194
Sulfur ppm ASTM D5185m 2600 2500 2505	2712
CONTAMINANTS method limit/base current history1	history2
Silicon ppm ASTM D5185m >20 5 6	4
Sodium ppm ASTM D5185m 0 <1	3
Potassium ppm ASTM D5185m >20 70 96	56
INFRA-RED method limit/base current history1	history2
Soot % % *ASTM D7844 >3 0.7 1	0.5
Nitration Abs/cm *ASTM D7624 >20 9.2 9.7	8.0
Sulfation Abs/.1mm *ASTM D7415 >30 20.9 21.7	20.0
FLUID DEGRADATION method limit/base current history1	
Oxidation	history2
Base Number (BN) mg KOH/g ASTM D2896 6.1 7.2	history2 16.6

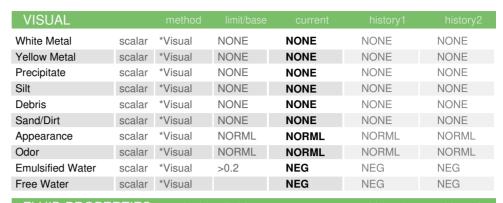


OIL ANALYSIS REPORT



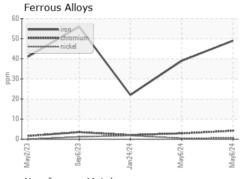


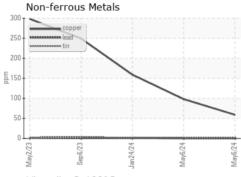


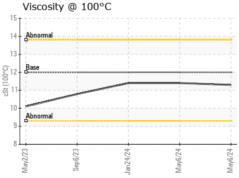


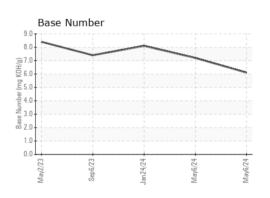
FLUID PROPI	ERHES	method			history1	history2
Visc @ 100°C	cSt	ASTM D445	12.00	11.3	11.4	11.4

GRAPHS













Certificate 12367

Laboratory Sample No.

Test Package : FLEET

: PCA0119062 Lab Number : 06176479

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Unique Number : 11022532

Received Tested Diagnosed

: 10 May 2024 : 13 May 2024

: 13 May 2024 - Wes Davis

Transervice - Shop 1361 - Berkeley-Windsor

4400 State Road 19 Windsor, WI US 53598

Contact: Mike Hurda mhurda@transervice.com

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

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