

OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id 636793 Component

Diesel Engine Fluid PETRO CANADA DURON SHP 10W30 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Wear

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 oil.

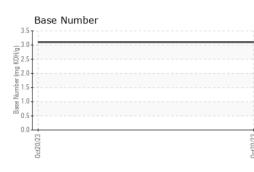
Fluid Condition

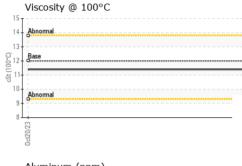
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORMATIONmethodlimit/basecurrenthistory1history1Sample NumberClient Info20 Oct 2023Sample DateClient Info135837Machine AgemlsClient Info135837Oil AgemlsClient Info64552Oil ChangedClient InfoChangedSample StatusImit/baseNORMALCONTAMINATIONmethodlimit/basecurrenthistory1historFuelWC Method>5<1.0WaterWC Method>0.2NEGGlycolWC Method>0.2NEGWEAR METALSmethodlimit/basecurrenthistory1historIronppmASTM D5185m>10073NickelppmASTM D5185m>203NickelppmASTM D5185m>41SilverppmASTM D5185m>30	ry2
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Titanium ppm ASTM D5185m 13	
Silver ppm ASTM D5185m >3 0	
Aluminum ppm ASTM D5185m >20 46	
Lead ppm ASTM D5185m >40 <1	
Copper ppm ASTM D5185m >330 75	
Tin ppm ASTM D5185m >15 6	
Vanadium ppm ASTM D5185m <1	
Cadmium ppm ASTM D5185m 0	
ADDITIVES method limit/base current history1 histo	ry2
Boron ppm ASTM D5185m 2 8	
Barium ppm ASTM D5185m 0 0	
Molybdenum ppm ASTM D5185m 50 48	
Manganese ppm ASTM D5185m 0 3	
Magnesium ppm ASTM D5185m 950 763	
Calcium ppm ASTM D5185m 1050 1467	
Phosphorus ppm ASTM D5185m 995 856	
Zinc ppm ASTM D5185m 1180 1199	
Sulfur ppm ASTM D5185m 2600 2116	
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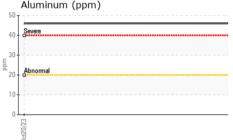


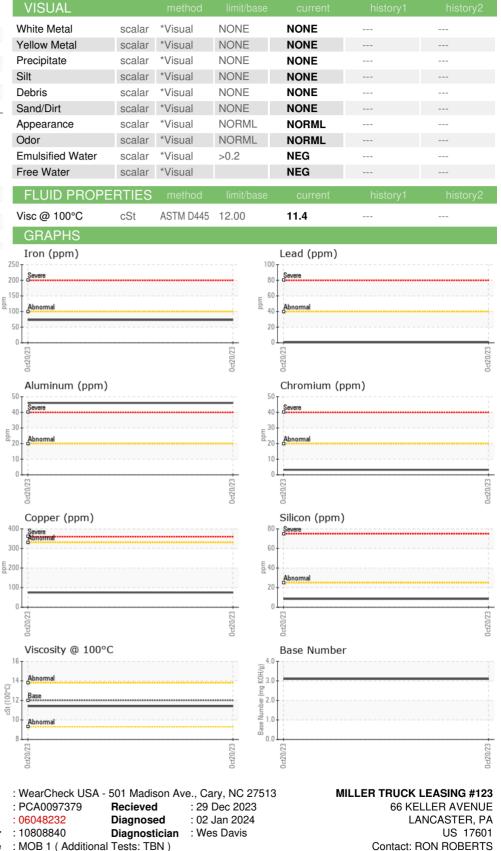
OIL ANALYSIS REPORT





ppm





Unique Number Test Package : MOB 1 (Additional Tests: TBN) Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. rroberts@millertransgroup.com * - 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)

Laboratory

Sample No.

Lab Number

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