

OIL ANALYSIS REPORT

Sample Rating Trend



Area (38440Z) Walgreens Machine Id [Walgreens] 136A62551 Component

Diesel Engine

PETRO CANADA DURON SHP 10W30 (11 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

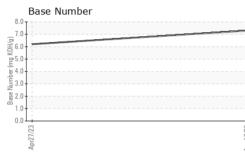
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method Imit/base current Pistory1 Nistory2 Sample Date Client Info 17 Aug 2023 27 Apr 2023 Machine Age mis Client Info 202829 176471 Oil Age mis Client Info 202829 176471 Oil Changed Client Info 202829 176471 Sample Status Imit/base Current NORMAL CONTAMINATION method Imit/base current Nistory1 Nistory2 Fuel WC Method >2.0 <1.0 Ottomium ppm ASTM 05185m >2.0 <1 1 Iron ppm ASTM 05185m >2.0 <1 1 Nickel ppm ASTM 05185m >2.0 <1 1 Nickel ppm ASTM 05185m >3.0 0 <1 Nickel ppm </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
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	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration	ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	0 50 0 950 1050 995 1180 2600 <i>limit/base</i> >25 >20 <i>limit/base</i> >3 >20	0 52 <1 868 1108 982 1229 3631 <u>current</u> 5 <1 9 <u>current</u> 0.3 8.0	0 47 <1 743 977 886 1102 3143 history1 4 2 8 8 history1 0.3 8.4	 history2 history2
	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	0 50 0 950 1050 995 1180 2600 imit/base >25 >20 imit/base >3 >20 >30	0 52 <1 868 1108 982 1229 3631 <u>current</u> 5 <1 9 <u>current</u> 0.3 8.0 18.2	0 47 <1 743 977 886 1102 3143 history1 4 2 8 history1 0.3 8.4 18.7	 history2 history2 history2
	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation FLUID DEGRAE	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D7844 *ASTM D7624 *ASTM D7415	0 50 950 1050 995 1180 2600 limit/base >25 20 limit/base >3 >20 >30	0 52 <1 868 1108 982 1229 3631 current 5 <1 9 current 0.3 8.0 18.2 current	0 47 <1 743 977 886 1102 3143 history1 4 2 8 history1 0.3 8.4 18.7 history1	 history2 history2 history2
	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation FLUID DEGRAE Oxidation	ppm ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm ppm ppm ppm ppm ppm ppm pp	ASTM D5185m ASTM D7844 *ASTM D7624 *ASTM D7414	0 50 950 1050 995 1180 2600 limit/base >25 20 limit/base >3 >20 >30	0 52 <1 868 1108 982 1229 3631 current 5 <1 9 current 0.3 8.0 18.2 current 13.9	0 47 <1 743 977 886 1102 3143 history1 4 2 8 history1 0.3 8.4 18.7 history1 13.9	 history2 history2 history2 history2



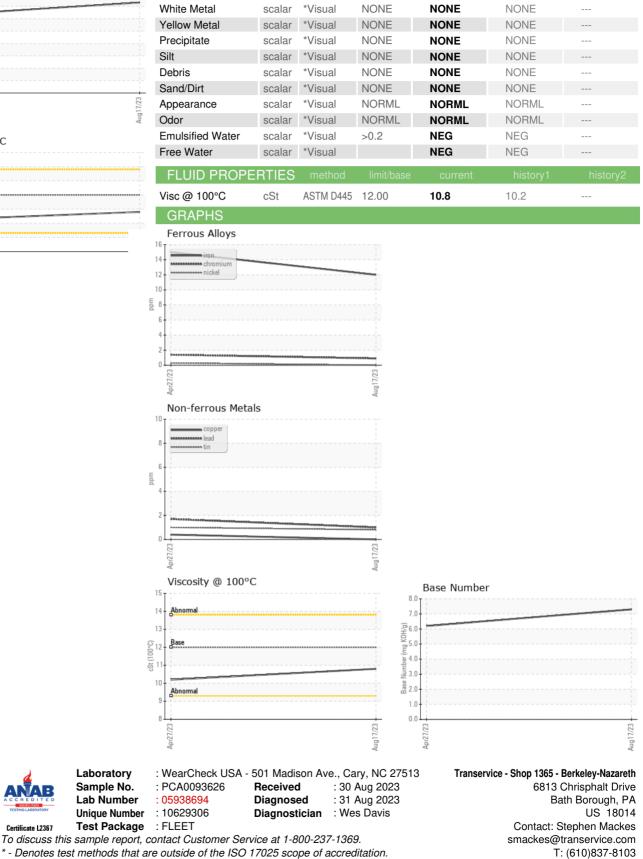
OIL ANALYSIS REPORT

VISUAL









Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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