

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

CHEVROLET 610 (S/N 1GNSKLED7NR271857)

Gasoline Engine

PETRO CANADA SUPREME 5W20 MOTOR OIL (8 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.

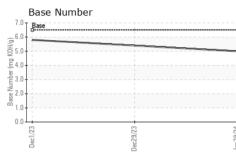
Fluid Condition

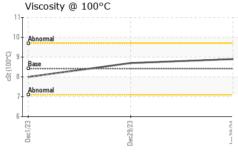
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

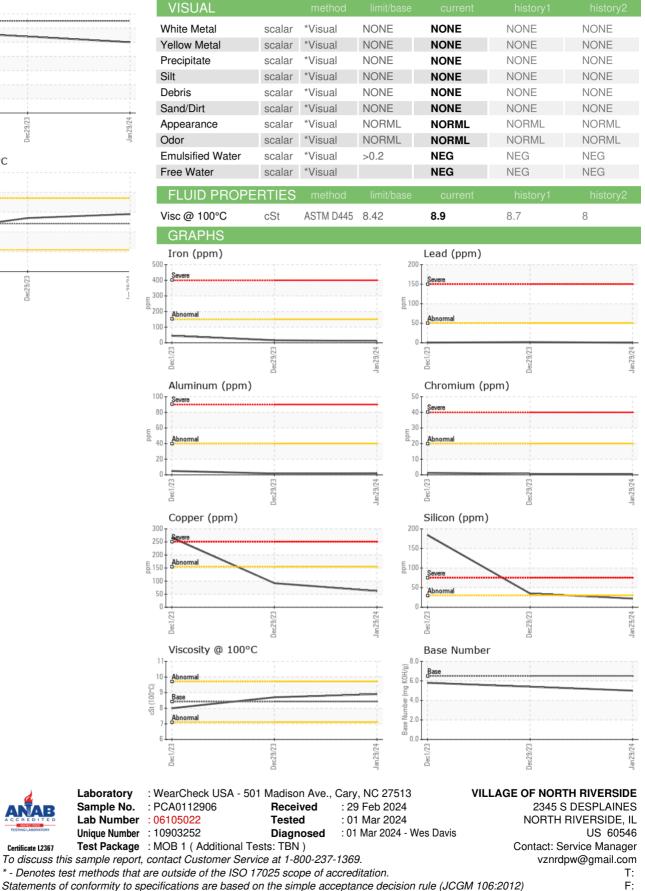
Sample Number Client Info PCA0112906 PCA0112917 PCA0112901 Sample Date Client Info 29 Jan 2024 29 Dec 2023 01 Dec 2023 Machine Age mls Client Info 4367 2944 1393 Oil Age mls Client Info 1423 1551 1393 Oil Changed Client Info Changed Changed Changed Changed Sample Status Imit No Imit Nos Current History1 History2 Fuel WC Method >4.0 <1.0 <1.0 <1.0 <1.0 Water WC Method >0 2.1 <1 1 1 Water WC Method >0 <1 1 1 1 Norickel ppm ASTM D5185m >10 1 1 1 1 Norickel ppm ASTM D5185m >2 0 <1 0 <1 1 1 1 1 1 1 1 1 <th>SAMPLE INFORI</th> <th></th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	SAMPLE INFORI		method	limit/base	current	history1	history2
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Sulfation Abs/.1mm *ASTM D7415 >30 18.1 17.8 16.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.1 13.6 10.9	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED	ppm ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm	ASTM D5185m ASTM D5185m	183 0 36 0 417 1318 773 845 2690 limit/base >30 >400 >20	35 0 65 5 593 1135 704 861 2227 current 22 2 2 1	45 0 78 8 552 1151 685 812 2106 history1 35 2 3 3 history1	48 0 148 23 403 1166 650 740 1728 history2 184 8 16 16 history2
FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.1 13.6 10.9	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot %	ppm ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm	ASTM D5185m ASTM D5185m	183 0 36 0 417 1318 773 845 2690 Imit/base >30 >400 >20 Imit/base	35 0 65 5 593 1135 704 861 2227 current 22 2 1 1 current 0	45 0 78 8 552 1151 685 812 2106 history1 35 2 3 3 history1 0	48 0 148 23 403 1166 650 740 1728 history2 184 8 16 16 history2 0.1
Oxidation Abs/.1mm *ASTM D7414 >25 15.1 13.6 10.9	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration	ppm ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm	ASTM D5185m ASTM D5185m	183 0 36 0 417 1318 773 845 2690 <i>limit/base</i> >30 >400 >20 <i>limit/base</i>	35 0 65 5 593 1135 704 861 2227 current 22 2 2 1 current 0 7.7	45 0 78 8 552 1151 685 812 2106 history1 35 2 3 3 history1 0 7.3	48 0 148 23 403 1166 650 740 1728 history2 ▲ 184 8 16 16 history2 0.1 6.7
	Boron 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 t ppm ppm	ASTM D5185m ASTM D5185m	183 0 36 0 417 1318 773 845 2690 Imit/base >30 >400 >20 Imit/base >20 S	35 0 65 5 593 1135 704 861 2227 current 22 2 2 1 current 0 7.7	45 0 78 8 552 1151 685 812 2106 history1 35 2 3 history1 0 7.3 17.8	48 0 148 23 403 1166 650 740 1728 history2 184 8 16 16 history2 0.1 6.7 16.7
	Boron 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 TS ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	183 0 36 0 417 1318 773 845 2690 Imit/base >30 >400 >20 Imit/base >20 S	35 0 65 5 593 1135 704 861 2227 current 22 2 1 2 1 0 7.7 18.1	45 0 78 8 552 1151 685 812 2106 history1 35 2 3 3 history1 0 7.3 17.8	48 0 148 23 403 1166 650 740 1728 history2 184 8 16 16 history2 0.1 6.7 16.7
Base Number (BN) mg KOH/g ASTM D2896 6.5 5.0 5.4 5.8	Boron 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 TS ppm ppm ppm ppm ppm	ASTM D5185m ASTM D7844 *ASTM D7624	183 0 36 0 417 1318 773 845 2690 Iimit/base >30 >20 20 Iimit/base >20 >30 30	35 0 65 5 593 1135 704 861 2227 current 22 2 1 current 0 7.7 18.1 current	45 0 78 8 552 1151 685 812 2106 history1 35 2 3 3 history1 0 7.3 17.8 history1	48 0 148 23 403 1166 650 740 1728 history2 ▲ 184 8 16 16 0.1 6.7 16.7 16.7



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