

OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

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OMC SPRINT SH-03 (S/N 20092)

Diesel Engine Fluid PETRO CANADA 15W40 (--- GAL)

DIAGNOSIS

Recommendation

We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

A Wear

Cylinder, crank, or cam shaft wear is indicated.

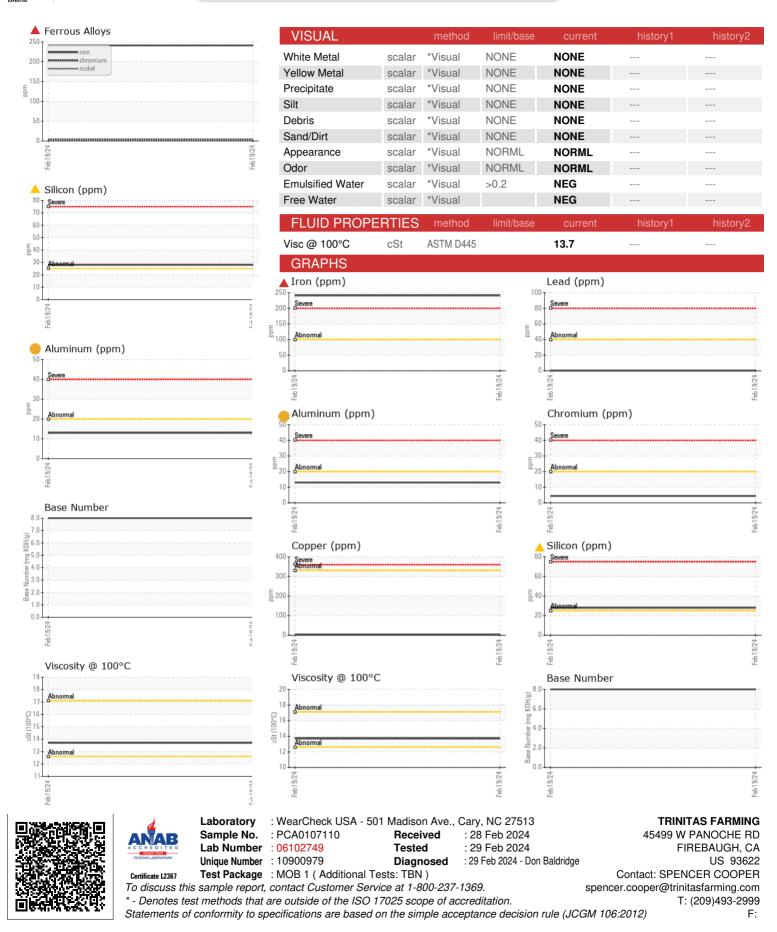
Contamination

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil.

SAMPLE INFORMATION method limit/base current histor Sample Number Client Info PCA0107110 Sample Date Machine Age hrs Client Info 3878 Oil Age hrs Client Info 250 Oil Changed Client Info Changed Sample Status Client Info Changed Vater WC Method >5 <1.0 Water WC Method >0.2 NEG Veater WC Method >0.2 NEG Veater WC Method >0.2 4 Iron ppm ASTM D5t85m >10 Nickel ppm ASTM D5t85m >20 13 Silver ppm ASTM D5t85m >30 3 Auminum ppm ASTM	
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Oxidation Abs/.1mm *ASTM D7414 >25 18.5	
Base Number (BN) mg KOH/g ASTM D2896 8.0	



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OIL

DIAGNOSTICS