

OIL ANALYSIS REPORT

Sample Rating Trend





DIAGNOSIS

Contamination

Fluid Condition

Wear

oil

service.

Recommendation

Machine Id VOLVO L90G 617274

Diesel Engine

Fluid VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 (--- GAL)

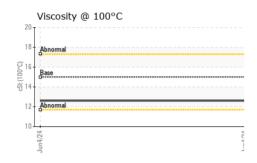
SAMPLE INFORMATION method WC0940289 Sample Number **Client Info** Resample at the next service interval to monitor. 04 Jun 2024 Sample Date Client Info 13123 Machine Age hrs **Client Info** All component wear rates are normal. Oil Age hrs Client Info 500 Oil Changed Client Info Changed NORMAL Sample Status There is no indication of any contamination in the CONTAMINATION Fuel WC Method >6.0 <1.0 The condition of the oil is acceptable for the time in Water WC Method >0.1 NEG Glycol WC Method NEG WEAR METALS Iron >100 12 ppm ASTM D5185(m) ---Chromium ASTM D5185(m) >10 <1 ppm >10 Nickel ppm ASTM D5185(m) <1 Titanium ppm ASTM D5185(m) 0 Silver ASTM D5185(m) >2 0 ppm Aluminum ASTM D5185(m) >10 4 ppm 0 Lead ASTM D5185(m) >20 ppm >15 Copper ppm ASTM D5185(m) <1 0 Tin ppm ASTM D5185(m) >10 Antimony ppm ASTM D5185(m) 0 0 Vanadium ASTM D5185(m) ppm 0 Bervllium ppm ASTM D5185(m) Cadmium ASTM D5185(m) 0 ppm 2.5 47 Boron ppm ASTM D5185(m) Barium ASTM D5185(m) 0.0 0 ppm Molybdenum ppm ASTM D5185(m) 0.7 38 Manganese ppm ASTM D5185(m) 0.0 <1 Magnesium ppm ASTM D5185(m) 256 484 Calcium 2057 ppm ASTM D5185(m) 1659 Phosphorus ASTM D5185(m) 935 895 ppm 1049 Zinc ppm ASTM D5185(m) 1223 Sulfur ASTM D5185(m) 4079 2318 ppm Lithium ppm ASTM D5185(m) <1 CONTAMINANTS 6 Silicon ppm ASTM D5185(m) >20 Sodium ppm ASTM D5185(m) 2 Potassium ASTM D5185(m) >20 <1 ppm INFRA-RED Soot % % ASTM D7844* >3 0.1 Abs/cm 6.8 Nitration ASTM D7624* >20 Sulfation ASTM D7415* Abs/.1mm >30 21.7

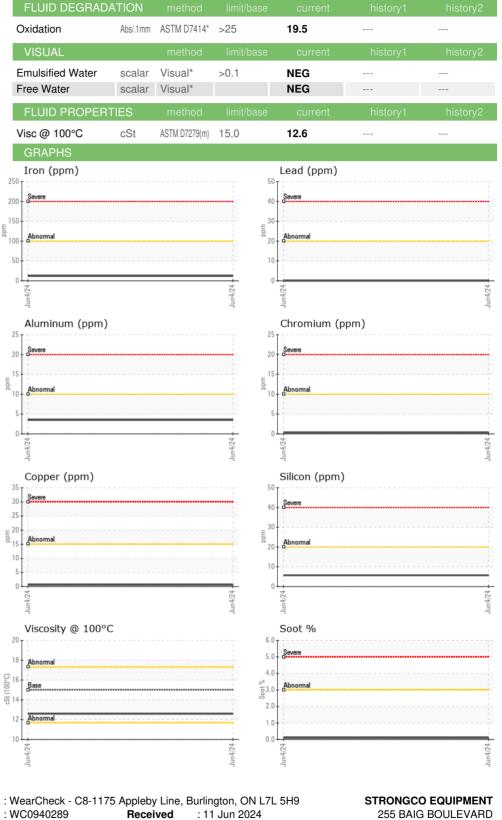


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Accredited Laboratory Test Package : MOB 1 To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

Tested

Diagnosed

: 11 Jun 2024

: 11 Jun 2024 - Wes Davis

255 BAIG BOULEVARD MONCTON, NB CA E1E 1E1 Contact: Greg Ward gward@strongco.com T: (506)857-8425 F: (506)857-0851

Report Id: SHE255MON [WCAMIS] 02640975 (Generated: 06/11/2024 12:29:30) Rev: 1

CALA

ISO 17025:2017

Laboratory

Sample No.

Lab Number : 02640975

Unique Number : 5798514

Contact/Location: Greg Ward - SHE255MON