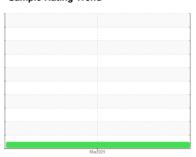


OIL ANALYSIS REPORT

Sample Rating Trend







677
Component
Diesel Engine
Fluid
SAE 15W40 (--- GAL)

DIAGNOSIS

Machine Id

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

There is no indication of any contamination in the oil.

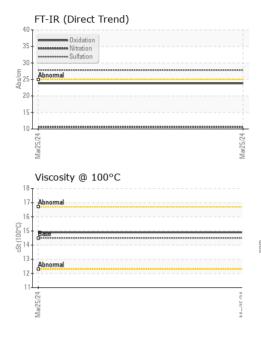
Fluid Condition

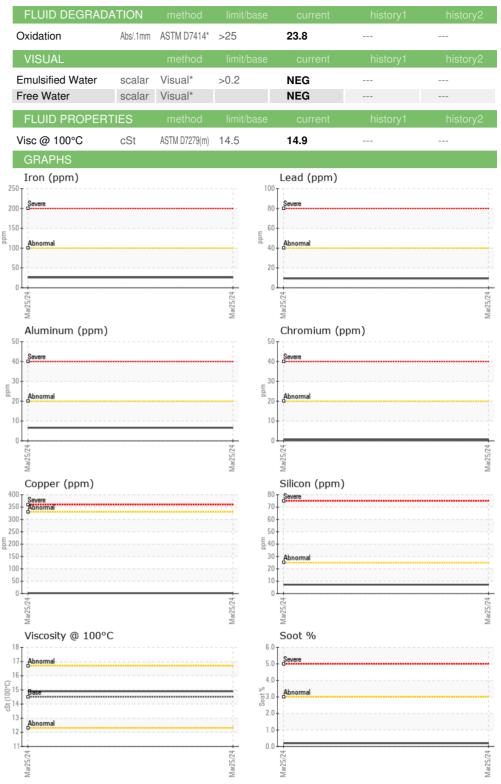
The condition of the oil is acceptable for the time in service.

| | | | | Mar2024 | | |
|---|--------|--------------------------------|-------------------|--------------|----------|----------|
| | ATION | | | | | |
| SAMPLE INFORM | TATION | method | limit/base | current | history1 | history2 |
| Sample Number | | Client Info | | WC0864601 | | |
| Sample Date | | Client Info | | 25 Mar 2024 | | |
| Machine Age | hrs | Client Info | | 10190 | | |
| Oil Age | hrs | Client Info | | 500 | | |
| Oil Changed | | Client Info | | Changed | | |
| Sample Status | | | | NORMAL | | |
| CONTAMINATION | ١ | method | limit/base | current | history1 | history2 |
| Fuel | | WC Method | >5 | <1.0 | | |
| Water | | WC Method | >0.2 | NEG | | |
| Glycol | | WC Method | | NEG | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| ron | ppm | ASTM D5185(m) | >100 | 26 | | |
| Chromium | ppm | ASTM D5185(m) | >20 | <1 | | |
| Nickel | ppm | ASTM D5185(m) | >4 | <1 | | |
| Titanium | ppm | ASTM D5185(m) | | 0 | | |
| Silver | ppm | ASTM D5185(m) | >3 | 0 | | |
| Aluminum | ppm | ASTM D5185(m) | >20 | 7 | | |
| _ead | ppm | ASTM D5185(m) | >40 | 9 | | |
| Copper | ppm | ASTM D5185(m) | >330 | 2 | | |
| Γin | ppm | ASTM D5185(m) | >15 | 0 | | |
| Antimony | ppm | ASTM D5185(m) | | 0 | | |
| Vanadium | ppm | ASTM D5185(m) | | 0 | | |
| Beryllium | ppm | ASTM D5185(m) | | 0 | | |
| Cadmium | ppm | ASTM D5185(m) | | 0 | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185(m) | | 313 | | |
| Barium | ppm | ASTM D5185(m) | | 0 | | |
| Molybdenum | ppm | ASTM D5185(m) | | 149 | | |
| Manganese | ppm | ASTM D5185(m) | | <1 | | |
| Magnesium | ppm | ASTM D5185(m) | | 753 | | |
| Calcium | ppm | ASTM D5185(m) | | 1808 | | |
| Phosphorus | ppm | ASTM D5185(m) | | 758 | | |
| Zinc | ppm | ASTM D5185(m) | | 919 | | |
| Sulfur | ppm | ASTM D5185(m) | | 2183 | | |
| Lithium | ppm | ASTM D5185(m) | | <1 | | |
| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
| Silicon | nnm | ASTM D5185(m) | >25 | 7 | | |
| | ppm | | | • | | |
| Sodium | ppm | ASTM D5185(m) | >57 | 2 | | |
| | | ASTM D5185(m) ASTM D5185(m) | >57 >20 | 2 | | |
| | ppm | (/ | | | | |
| Potassium INFRA-RED | ppm | ASTM D5185(m) | >20 | 2 | | |
| Sodium Potassium INFRA-RED Soot % Nitration | ppm | ASTM D5185(m) method | >20 limit/base | 2 current | history1 | history2 |



OIL ANALYSIS REPORT







CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Unique Number : 5762292 Test Package : MOB 1

: WC0864601 Lab Number : 02629160

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Received : 16 Apr 2024 **Tested**

: 16 Apr 2024 Diagnosed : 16 Apr 2024 - Wes Davis

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.

COLACEM CANADA INC

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