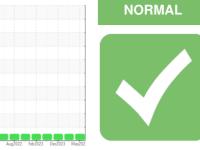


OIL ANALYSIS REPORT

Sample Rating Trend



18.7

401153 Diesel Engine Fluid

PETRO CANADA DURON SHP 15W40 (36 LTR)

| | SAMPLE INFOR | RMATION | method | limit/base | current | history1 | history2 |
|----------------------|---------------|---------|---------------|------------|-------------|-------------|-------------|
| | Sample Number | | Client Info | | GFL0118901 | GFL0086787 | GFL0094384 |
| terval to monitor. | Sample Date | | Client Info | | 21 May 2024 | 04 Mar 2024 | 15 Dec 2023 |
| | Machine Age | hrs | Client Info | | 12062 | 11526 | 11016 |
| ormal. | Oil Age | hrs | Client Info | | 12062 | 11526 | 11016 |
| | Oil Changed | | Client Info | | Changed | Changed | Changed |
| amination in the | Sample Status | | | | NORMAL | NORMAL | NORMAL |
| | CONTAMINA | ΓΙΟΝ | method | limit/base | current | history1 | history2 |
| able for the time in | Fuel | | WC Method | >3.0 | <1.0 | <1.0 | <1.0 |
| | Water | | WC Method | >0.2 | NEG | NEG | NEG |
| | Glycol | | WC Method | | NEG | NEG | NEG |
| | WEAR META | LS | method | limit/base | current | history1 | history2 |
| | Iron | ppm | ASTM D5185(m) | >120 | 4 | 4 | 6 |
| | Chromium | ppm | ASTM D5185(m) | >20 | 0 | 0 | 0 |
| | Nickel | ppm | ASTM D5185(m) | >5 | 0 | <1 | 0 |
| | Titanium | ppm | ASTM D5185(m) | >2 | 0 | 0 | 0 |
| | Silver | ppm | ASTM D5185(m) | >2 | 0 | <1 | <1 |
| | Aluminum | ppm | ASTM D5185(m) | >20 | 1 | 2 | 2 |
| | Lead | ppm | ASTM D5185(m) | >40 | 0 | 0 | <1 |
| | Copper | ppm | ASTM D5185(m) | >330 | 2 | 6 | 1 |
| | Tin | ppm | ASTM D5185(m) | >15 | 0 | 0 | 0 |
| | Antimony | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| | Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| | Beryllium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| | Cadmium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| | ADDITIVES | | method | limit/base | current | history1 | history2 |
| | Boron | ppm | () | 0 | 8 | 8 | 7 |
| | Barium | ppm | ASTM D5185(m) | 0 | 0 | 0 | <1 |
| | Molybdenum | ppm | ASTM D5185(m) | 60 | 61 | 60 | 62 |
| | Manganese | ppm | ASTM D5185(m) | 0 | 0 | 0 | 0 |
| | Magnesium | ppm | () | 1010 | 946 | 931 | 968 |
| | Calcium | ppm | ASTM D5185(m) | | 1079 | 1073 | 1128 |
| | Phosphorus | ppm | ASTM D5185(m) | | 991 | 997 | 987 |
| | Zinc | ppm | ASTM D5185(m) | 1270 | 1174 | 1147 | 1202 |
| | Sulfur | ppm | ASTM D5185(m) | 2060 | 2544 | 2723 | 2484 |
| | Lithium | ppm | ASTM D5185(m) | | <1 | <1 | <1 |
| | CONTAMINA | NTS | method | limit/base | current | history1 | history2 |
| | Silicon | ppm | ASTM D5185(m) | >25 | 1 | 2 | 2 |
| | Sodium | ppm | ASTM D5185(m) | | 1 | <1 | 2 |
| | Potassium | ppm | ASTM D5185(m) | >20 | 1 | <1 | <1 |
| | INFRA-RED | | method | limit/base | current | history1 | history2 |
| | Soot % | % | ASTM D7844* | >4 | 0.1 | 0.1 | 0.2 |
| | Nitration | Abs/cm | ASTM D7624* | >20 | 8.0 | 8.1 | 8.9 |
| | 0 1/ 1/ | | AOTH DEVICE | ~~ | | 10.0 | 10 - |

Abs/.1mm ASTM D7415* >30

18.1

Resample at the next service in

Machine Id

Wear

All component wear rates are no

Contamination

There is no indication of any cor oil.

Fluid Condition

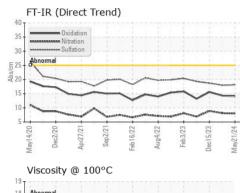
The condition of the oil is accept service.

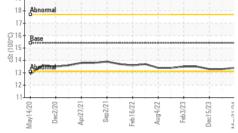
Sulfation

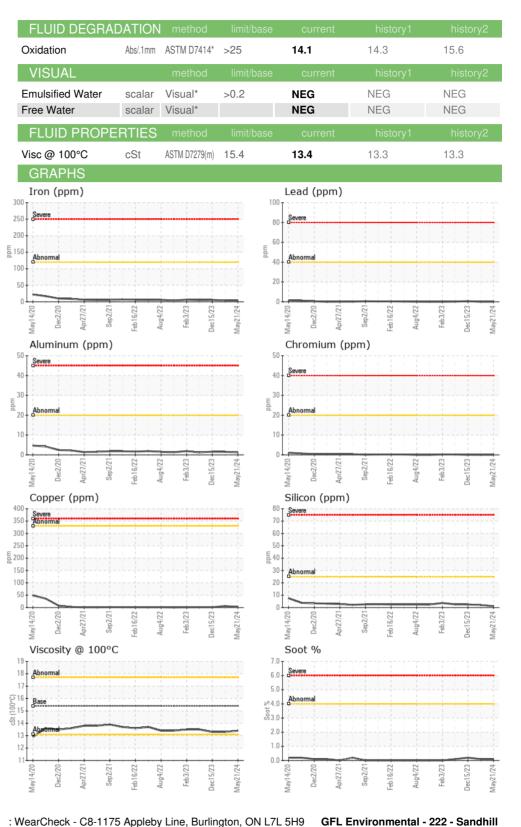
18.0



OIL ANALYSIS REPORT









Laboratory CALA Sample No. : GFL0118901 Received : 22 May 2024 SANDHILL DISPOSAL & RECYCLING DIVIS, 19 COMMERCE ROAD Lab Number : 02636922 Tested : 22 May 2024 ORANGEVILLE, ON ISO 17025:2017 Accredited Laboratory Unique Number : 5786084 Diagnosed : 22 May 2024 - Wes Davis CA L9W 3X5 Test Package : MOB 1 Contact: GLENN COOK To discuss this sample report, contact Customer Service at 1-800-268-2131. gcook@gflenv.com Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (519)940-4167 Validity of results and interpretation are based on the sample and information as supplied.

Report Id: GFL222 [WCAMIS] 02636922 (Generated: 05/22/2024 14:35:33) Rev: 1

Submitted By: Kim Thompson Page 2 of 2

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