



PacLease

OIL ANALYSIS REPORT

| | |
|-----------------|---------------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
859-1684
 Component
Diesel Engine
 Fluid
MOBIL DELVAC 1300 SUPER15W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | RPL0019744 | RPL0017253 | RPL0013356 |
| Sample Date | | Client Info | | 03 Apr 2024 | 17 Jan 2024 | 05 Jul 2023 |
| Machine Age | mls | Client Info | | 555304 | 553879 | 551674 |
| Oil Age | mls | Client Info | | 0 | 0 | 0 |
| Filter Age | mls | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Not Changd | Not Changd | Not Changd |
| Filter Changed | | Client Info | | Not Changd | Changed | Changed |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|------|
| Iron | ppm | ASTM D5185m | >100 | 8 | 6 | 30 |
| Chromium | ppm | ASTM D5185m | >20 | 0 | 0 | 1 |
| Nickel | ppm | ASTM D5185m | >4 | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| Silver | ppm | ASTM D5185m | >3 | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >20 | 1 | 1 | 4 |
| Lead | ppm | ASTM D5185m | >40 | 2 | 2 | 10 |
| Copper | ppm | ASTM D5185m | >330 | <1 | <1 | 3 |
| Tin | ppm | ASTM D5185m | >15 | <1 | <1 | <1 |
| Vanadium | ppm | ASTM D5185m | | <1 | 0 | <1 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

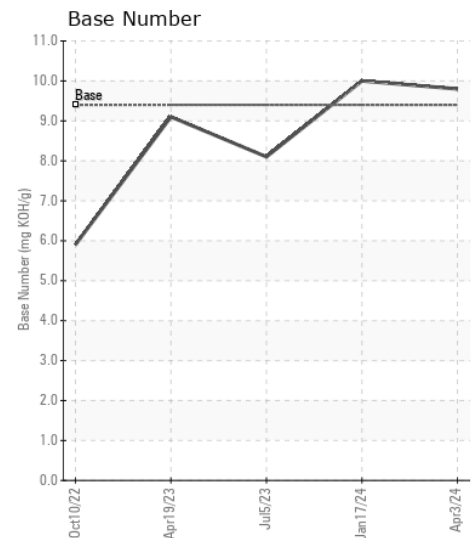
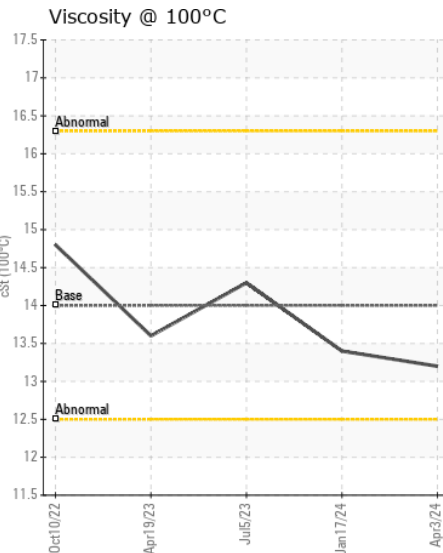
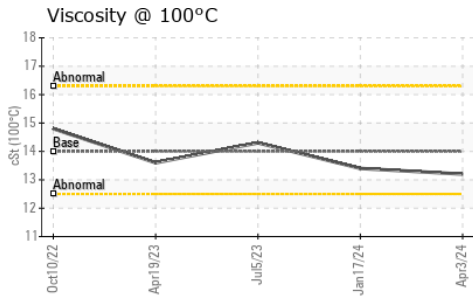
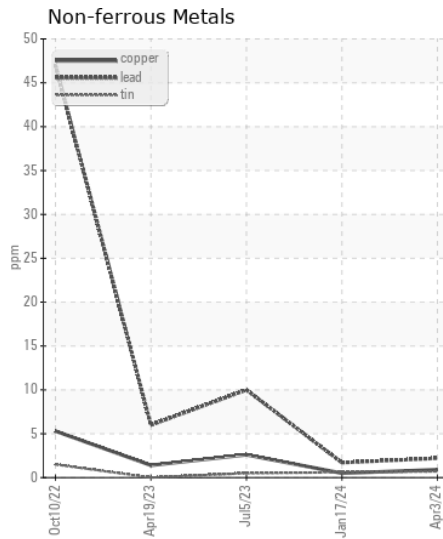
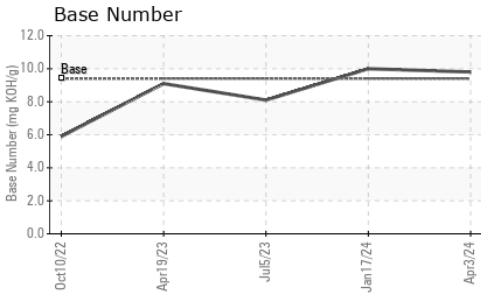
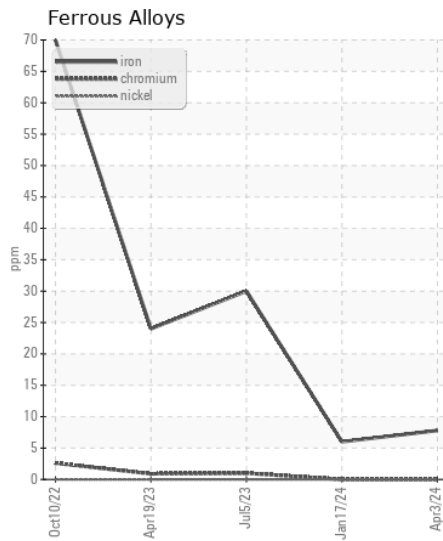
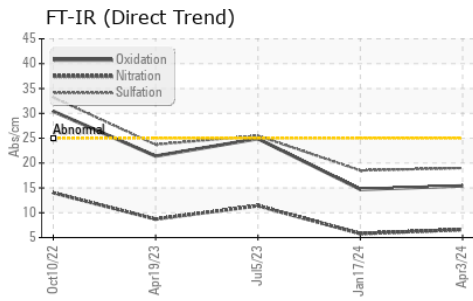
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|----------|-------------|-------|----------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >25 | 4 | 5 | 10 |
| Potassium | ppm | ASTM D5185m | >20 | 1 | 2 | 8 |
| Fuel | | WC Method | >5 | <1.0 | <1.0 | <1.0 |
| Water | | WC Method | >0.2 | NEG | NEG | NEG |
| Glycol | | WC Method | | NEG | NEG | NEG |
| Soot % | % | *ASTM D7844 | >3 | 0.1 | 0.1 | 0.5 |
| Nitration | Abs/cm | *ASTM D7624 | >20 | 6.6 | 5.8 | 11.4 |
| Sulfation | Abs/.1mm | *ASTM D7415 | >30 | 19.0 | 18.5 | 25.5 |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | NONE | NONE | NONE |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Appearance | scalar | *Visual | NORML | NORML | NORML | NORML |
| Odor | scalar | *Visual | NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | *Visual | >0.2 | NEG | NEG | NEG |

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.

| | | | | | | |
|------------------|----------|-------------|-----|--------------|------|------|
| Sodium | ppm | ASTM D5185m | | 1 | 1 | 6 |
| Boron | ppm | ASTM D5185m | 0 | 9 | 6 | 32 |
| Barium | ppm | ASTM D5185m | 0 | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | 0 | 59 | 54 | 40 |
| Manganese | ppm | ASTM D5185m | | <1 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m | 0 | 907 | 855 | 582 |
| Calcium | ppm | ASTM D5185m | | 1285 | 1045 | 1875 |
| Phosphorus | ppm | ASTM D5185m | | 1012 | 974 | 782 |
| Zinc | ppm | ASTM D5185m | | 1181 | 1155 | 978 |
| Sulfur | ppm | ASTM D5185m | | 3754 | 3091 | 2865 |
| Oxidation | Abs/.1mm | *ASTM D7414 | >25 | 15.4 | 14.7 | 24.9 |
| Base Number (BN) | mg KOH/g | ASTM D2896 | 9.4 | 9.8 | 10.0 | 8.1 |
| Visc @ 100°C | cSt | ASTM D445 | 14 | 13.2 | 13.4 | 14.3 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RPL0019744
Lab Number : 06154115
Unique Number : 10989538
Test Package : FLEET

Received : 19 Apr 2024
Tested : 22 Apr 2024
Diagnosed : 22 Apr 2024 - Wes Davis

RTL PACLEASE - 7051 - Las Vegas
 4150 Arctic Spring Ave
 North Las Vegas, NV
 US 89115

Contact: Rudy Trevizo
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F:

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)