

041151-1148 - Left Final Drive

Sample No: LH

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

| | _ | | | | |
|-----------------|-------------|-------------|-------------|-------------|--|
| Sample Number | LH | LH0242432 | LH0133210 | LH0133210 | |
| Sample Date | 21 Nov 2023 | 04 Nov 2022 | 18 Oct 2018 | 18 Oct 2018 | |
| Machine Hours | 0 | 8193 | 4007 | 4007 | |
| Oil Hours | 0 | 0 | 0 | 0 | |
| Oil Changed | N/A | Changed | Not Changd | Not Changd | |
| Sample Status | NORMAL | NORMAL | ABNORMAL | NORMAL | |
| | | | | | |
| | | | | | |
| Visc @ 40°C cSt | 162 | 95.6 | 98.6 | 0 185.3 | |
| ** | | | | | |

| | NTAMIN/ | TION | | | | |
|-----------|---------|------|------|-------|-----|--|
| Water | % | NEG | NEG | NEG | NEG | |
| Silicon | ppm | 0 70 | 0 49 | 0 140 | 8 🔘 | |
| Sodium | ppm | 04 | 03 | 07 | 3 | |
| Potassium | ppm | 04 | 0 4 | 0 18 | 0 | |

| Ä | | | | | |
|------------|---------|-------------|------|----------|------|
| WEA WEA | R METAL | S | | | |
| PQ | | | 0 60 | | |
| Iron | ppm | 0 208 | 524 | 268 | 81 |
| Copper | ppm | ○ <1 | ○ <1 | ◯ <1 | 0 14 |
| Lead | ppm | ○ <1 | 01 | ◯ <1 | ○ <1 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | 0 14 | 0 16 | <u> </u> | 01 |
| Chromium | ppm | 02 | 07 | 3 | ○ <1 |
| Molybdenum | ppm | 0 🔘 | ○ <1 | ◯ <1 | 0 |
| Nickel | ppm | 01 | 4 | 1 | ○ <1 |
| Titanium | ppm | <1 | 1 | 2 | 0 |
| Silver | ppm | <1 | 0 | 0 | 0 |
| Manganese | ppm | 02 | 8 🔘 | 02 | 2 |
| Vanadium | ppm | 0 | <1 | <1 | 0 |

ADDITIVES Calcium 0 90 ppm 0 107 64 0 39 Magnesium 0 25 0 17 0 11 0 ppm Zinc ppm 05 0 18 0 12 0 57 Phosphorus 0 2154 0 1308 0 838 ppm 0 1256 Barium 0 ppm 0 <1 ◯ <1 0 Boron 0 34 ppm 233 0 277 0 122





Delsan - American Iron and Metal 2187 Montee Masson

Laval, QC CA H7B 0A6 Contact: MANNY MARQUES mmarques@delsan-aim.com T: F:

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.

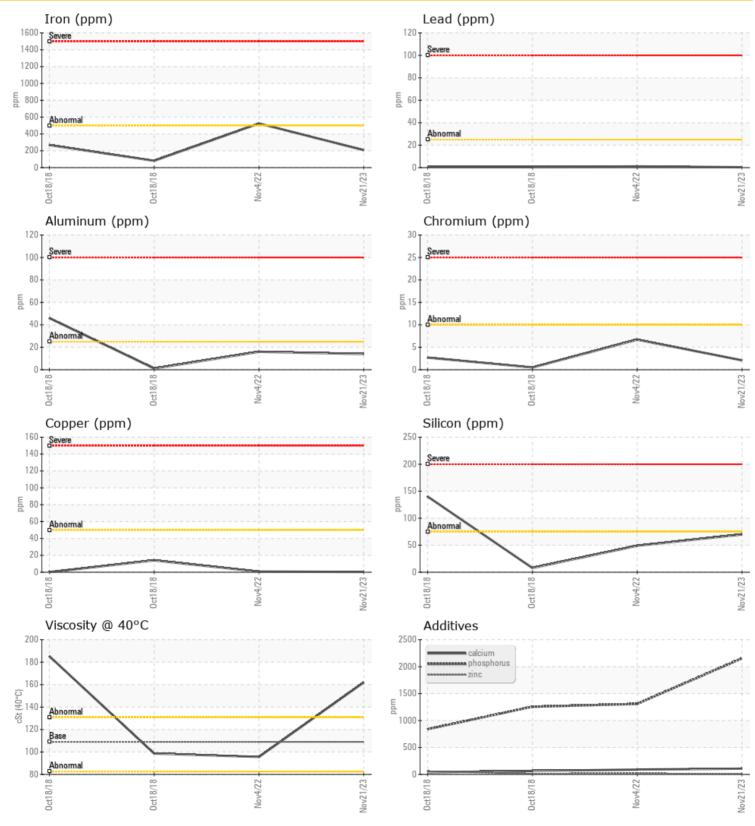
| Depot: | DEL782MON |
|--------------|--------------|
| Unique No: | 5683285 |
| Signed: | Kevin Marson |
| Report Date: | 22 Nov 2023 |





GRAPHS

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