

PETRO CANADA 10W40

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LIEBHERR PR736LGP 025503-1736 - Diesel Engine

Sample No: LH0260412

Oil Type:

SAMPLE INFORMATION

| Sample Number | LH0260412 | | |
|---------------|-------------|------|--|
| Sample Date | 29 Aug 2023 | | |
| Machine Hours | 466 | | |
| Oil Hours | 0 | | |
| Oil Changed | Changed | | |
| Sample Status | NORMAL | | |

| 0 | OIL | | |
|--------|-------|--|--|
| Visc @ | 100°C | | |

OIL CONDITION 100°C cSt n (PA) %

Oxidation (PA)

| CONTAMINATION |
|---------------|
| |

| Soot % | % | 0 🔘 | | | | |
|----------------|-----|----------|--|--|--|--|
| Nitration (PA) | % | 98 | | | | |
| Sulfation (PA) | % | 106 | | | | |
| Glycol | % | NEG | | | | |
| Fuel | % | <1.0 | | | | |
| Silicon | ppm | 08 | | | | |
| Sodium | ppm | 02 | | | | |
| Potassium | ppm | 3 | | | | |

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WEAR METALS

| Iron | ppm | 0 10 | | |
|------------|-----|-------------|------|--|
| Copper | ppm | 245 | | |
| Lead | ppm | 9 | | |
| Tin | ppm | 01 | | |
| Aluminum | ppm | 3 | | |
| Chromium | ppm | 02 | | |
| Molybdenum | ppm | 0 47 | | |
| Nickel | ppm | ○ <1 | | |
| Titanium | ppm | 0 | | |
| Silver | ppm | 0 () | | |
| Manganese | ppm | 01 | | |
| Vanadium | ppm | 0 | | |

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ADDITIVES

| Calcium | ppm | 0 1336 | | |
|------------|-----|-------------|------|--|
| Magnesium | ppm | 945 | | |
| Zinc | ppm | 886 | | |
| Phosphorus | ppm | 0 782 | | |
| Barium | ppm | 0 15 | | |
| Boron | ppm | 0 72 | | |

METRIC CIVIL CONTRACTORS

44075 YALE ROAD #101 CHILLIWACK, BC CA V2R 3Z9 Contact: Service Manager

T: F:

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

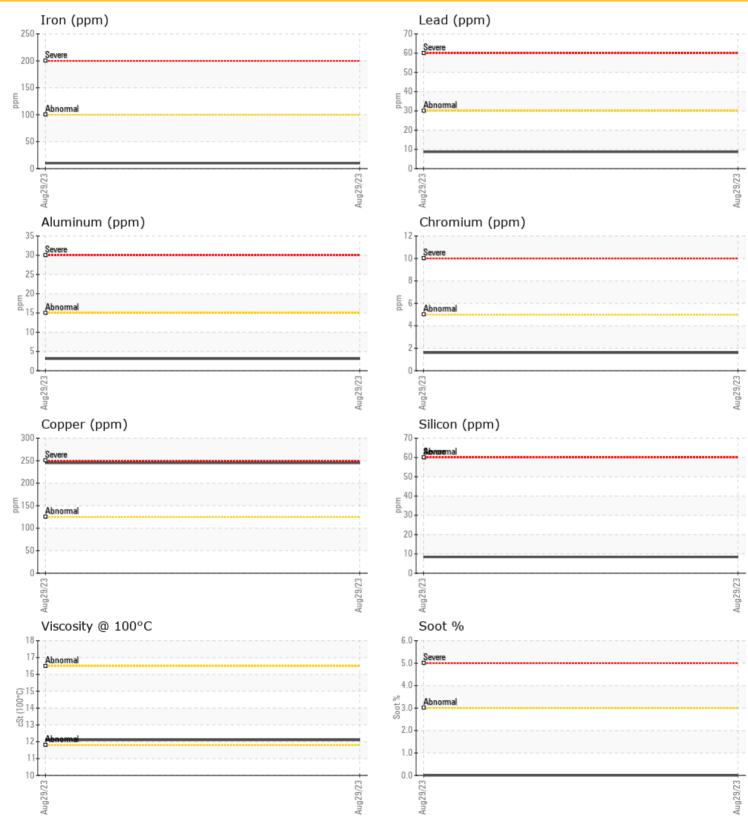
Depot: Unique No: Signed: Report Date: MET440CHI 5644830 Bill Quesnel 20 Sep 2023





GRAPHS

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