

LIEBHERR L550 73916 - Diesel Engine

11.7

212

Sample No: LH0270421

Oil Type: NOT GIVEN

SAMPLE INFORMATION

| Sample Number | LH0270421 | | |
|---------------|-------------|------|--|
| Sample Date | 17 Sep 2023 | | |
| Machine Hours | 583 | | |
| Oil Hours | 0 | | |
| Oil Changed | Changed | | |
| Sample Status | NORMAL | | |

Visc @ 100°C cSt

%

Visc @ 100°C Oxidation (PA)

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|---|-----|--|
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| | CONTAMINATION | | | | | | | |
|----------------|---------------|-------|--|--|--|--|--|--|
| Soot % | % | 0 | | | | | | |
| Nitration (PA) | % | 98 | | | | | | |
| Sulfation (PA) | % | 112 | | | | | | |
| Glycol | % | NEG | | | | | | |
| Fuel | % | 0 1.4 | | | | | | |
| Silicon | ppm | 0 11 | | | | | | |
| Sodium | ppm | 0 2 | | | | | | |
| Potassium | ppm | 0 5 | | | | | | |

WEAR METALS

| Iron | ppm | 12 | | |
|------------|-----|-------------|------|--|
| Copper | ppm | 258 | | |
| Lead | ppm | 10 | | |
| Tin | ppm | 02 | | |
| Aluminum | ppm | 3 | | |
| Chromium | ppm | ○ <1 | | |
| Molybdenum | ppm | 0 46 | | |
| Nickel | ppm | ○ <1 | | |
| Titanium | ppm | <1 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | 1 | | |
| Vanadium | ppm | 0 | | |

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| Calcium | ppm | 0 1375 | | | |
|------------|-----|------------|------|--|--|
| Magnesium | ppm | 939 | | | |
| Zinc | ppm | 0 849 | | | |
| Phosphorus | ppm | 0 718 | | | |
| Barium | ppm | 0 33 | | | |
| Boron | ppm | 0 75 | | | |





LIEBHERR CANADA LTD.

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Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. Please specify the brand, type, and viscosity of the oil on your next sample.Metal levels are typical for a new component breaking in. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot:LIEMISUnique No:5644161Signed:Bill QuesnelReport Date:19 Sep 2023

Report Id: LIEMIS [WCAMIS] 02583096 (Generated: 09/19/2023 19:16:22) Rev: 1

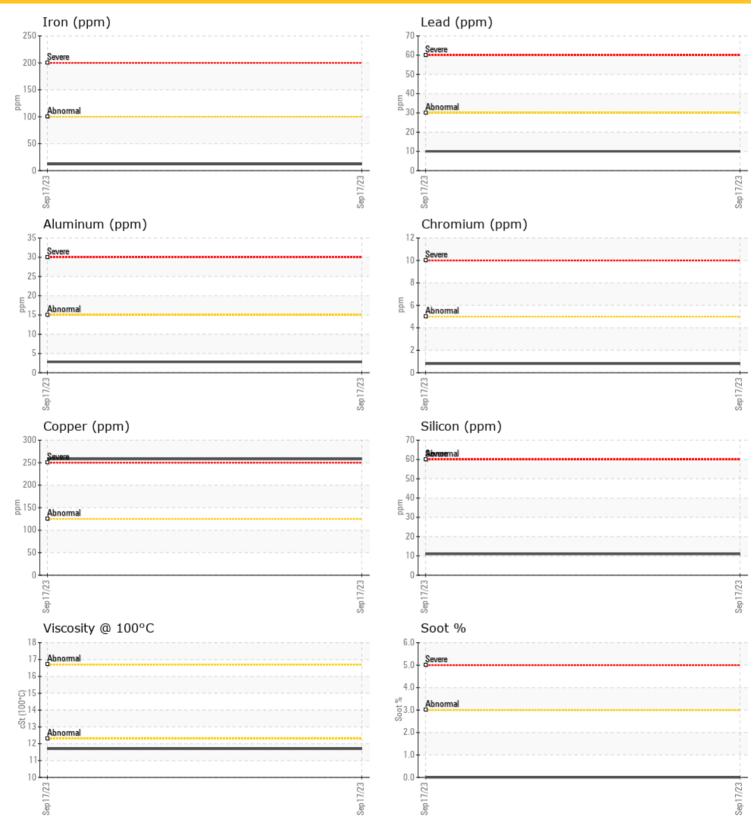
Contact/Location: Steve Lehto - LIEMIS

CONSTRUCTION EQUIPMENT



GRAPHS

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Contact/Location: Steve Lehto - LIEMIS