

LIEBHERR PR716 018429-1422 - Diesel Engine

0 11.8

148

Sample No: LH0288277

Oil Type: LIEBHERR MOTOROIL 5W30

Sample Information

| Sample Number | LH0288277 | | |
|---------------|-------------|------|--|
| Sample Date | 15 Apr 2024 | | |
| Machine Hours | 886 | | |
| Oil Hours | 0 | | |
| Oil Changed | Not Changd | | |
| Sample Status | NORMAL | | |

Oil Condition Visc @ 100°C

cSt

%

Oxidation (PA) -

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| Cont | aminat | tion | | |
|----------------|--------|------|------|--|
| | | | | |
| Water | % | NEG | | |
| Soot % | % | 0 | | |
| Nitration (PA) | % | 85 | | |
| Sulfation (PA) | % | 90 | | |
| Glycol | % | NEG | | |
| Fuel | % | <1.0 | | |
| Silicon | ppm | 0 46 | | |
| Sodium | ppm | 0 5 | | |
| Potassium | ppm | 01 | | |

Woor Motels

| Iron | ppm | 28 | | |
|------------|-----|-------------|------|--|
| Copper | ppm | 0 34 | | |
| Lead | ppm | ◯ <1 | | |
| Tin | ppm | ○ <1 | | |
| Aluminum | ppm | • 4 | | |
| Chromium | ppm | 01 | | |
| Molybdenum | ppm | 0 42 | | |
| Nickel | ppm | ◯ <1 | | |
| Titanium | ppm | 0 | | |
| Silver | ppm | 0 () | | |
| Manganese | ppm | 0 2 | | |
| Vanadium | ppm | 0 | | |

0 **Additives** Calcium ppm 0 1754 Magnesium 0731 ppm Zinc 0 969 ppm Phosphorus 0 785 ppm Barium ppm 04 Boron 0 96 ppm





COLOURED AGGREGATES INC.

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Diagnosis

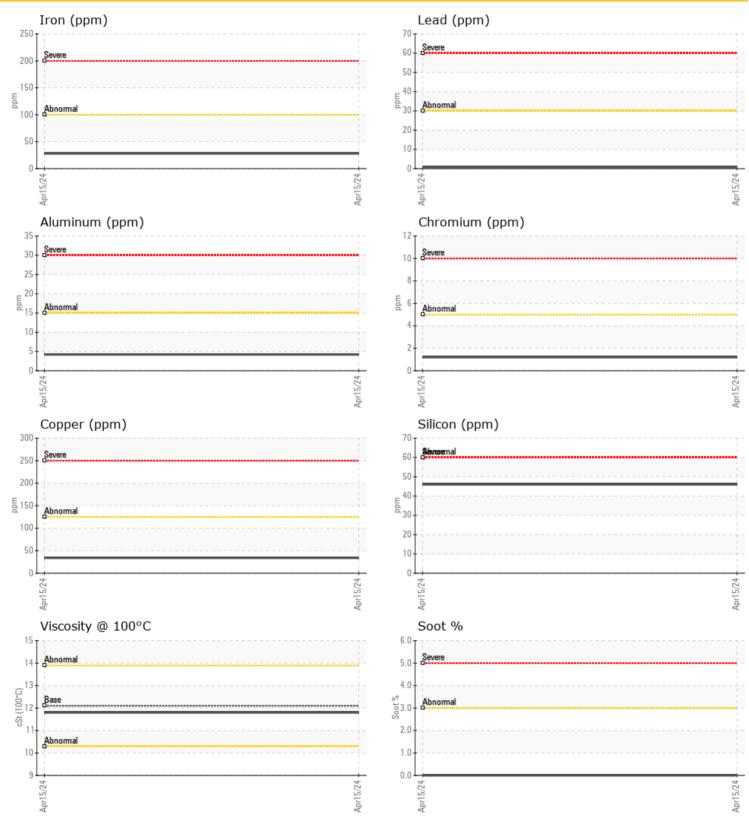
Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

CONSTRUCTION EQUIPMENT



Graphs

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Report Id: COL158AUR [WCAMIS] 02629457 (Generated: 04/17/2024 15:33:47) Rev: 1