VOLVO

CONSTRUCTION EQUIPMENT 8-385118 VOLVO L150H 7132 - DIESEL ENGINE



Sample No: VCP381020 **Oil Type:** PETRO CANADA 10W30 Job No: 8-385118

SAMPLE INFORMATION

cSt

%

| Sample Number | | | | | | |
|---------------|--|--|--|--|--|--|
| Sample Date | | | | | | |
| Machine Hours | | | | | | |
| Oil Hours | | | | | | |
| Oil Changed | | | | | | |
| Sample Status | | | | | | |
| | | | | | | |
| OIL CONDITION | | | | | | |

Visc @ 100°C Oxidation (PA)

| CONTAMIN | IATION | | | |
|----------------|--------|------|------|--|
| Water | % | <0.1 | | |
| Soot % | % | 0 | | |
| Nitration (PA) | % | 38 | | |
| Sulfation (PA) | % | 50 | | |
| Glycol | % | 0.0 | | |
| Fuel | % | <1.0 | | |
| Silicon | ppm | ■ <1 | | |
| Sodium | ppm | 3 | | |
| Potassium | ppm | 0 | | |

VCP381020

13 Nov 2023

Not Changd

NORMAL

14.3

52

3733

100

Potassium

| VOLVO | | | | | | | | | |
|-------------|--------|-------------|------------|---|--|--|--|--|--|
| WEAR METALS | | | | | | | | | |
| | 111713 | | <u>.</u> . | _ | | | | | |
| Iron | ppm | 2 | | | | | | | |
| Copper | ppm | | | | | | | | |
| Lead | ppm | 0 | | | | | | | |
| Tin | ppm | 0 | | | | | | | |
| Aluminum | ppm | 1 | | | | | | | |
| Chromium | ppm | 0 | | | | | | | |
| Molybdenum | ppm | 56 | | | | | | | |
| Nickel | ppm | 0 | | | | | | | |
| Titanium | ppm | 0 | | | | | | | |
| Silver | ppm | □ <1 | | | | | | | |
| Manganese | ppm | 0 | | | | | | | |
| Vanadium | ppm | 0 | | | | | | | |
| | | | | | | | | | |

ADDITIVES Calcium ppm 1039 Magnesium 934 ppm 1137 Zinc ppm Phosphorus ppm 983 Barium **||** <1 ppm **4** Boron ppm



STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD MISSISSAUGA, ON CA L4W 4L4 Contact: Ed Knott eknott@strongco.com T: (905)670-5100 F: (905)670-7869

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 40 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: SHEMIS Unique No: 5681592 Signed: Kevin Marson Report Date: 17 Nov 2023

Report Id: SHEMIS [WCAMIS] 02596512 (Generated: 11/20/2023 08:38:40) Rev: 1

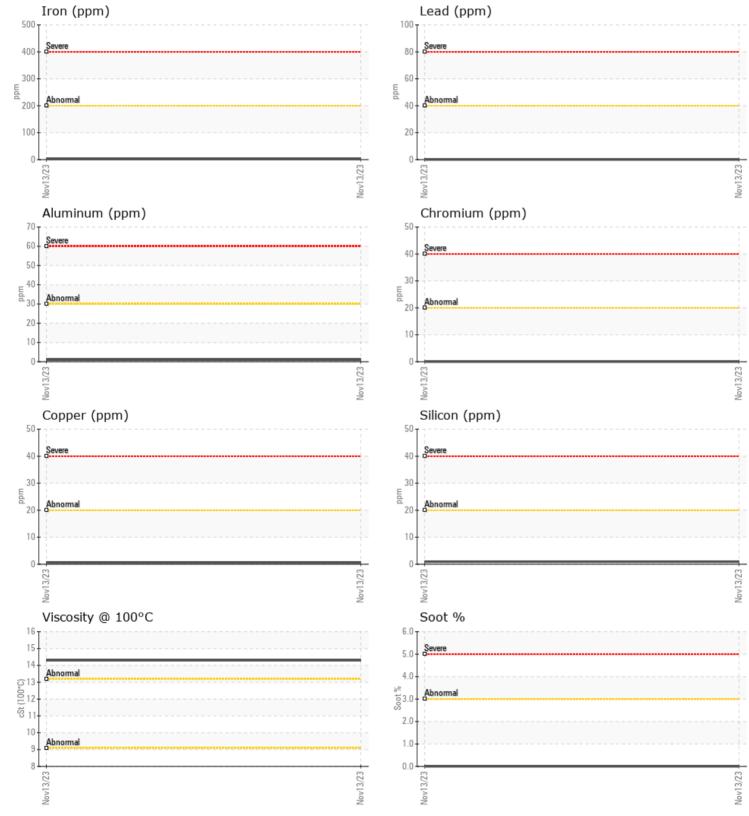
Contact/Location: Ed Knott - SHEMIS

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SHEMIS [WCAMIS] 02596512 (Generated: 11/20/2023 08:38:42) Rev: 1

Contact/Location: Ed Knott - SHEMIS