## **CONSTRUCTION EQUIPMENT** SW-30300-2 STAKER VOLVO L220H 2927 - DIESEL ENGINE



Sample No: VCP440869 **Oil Type:** SW-30300-2 STAKER

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

## SAMPLE INFORMATION VCP440869 Sample Number VCP319419 Sample Date 21 Feb 2024 13 Jul 2021 Machine Hours 10446 7134 **Oil Hours** 500 900 Changed Oil Changed Changed Sample Status NORMAL NORMAL **OIL CONDITION** 12.2 Visc @ 100°C cSt 13.3 Base Number (BN) mg KOH/g 7.2 69 Oxidation (PA) % 58 CONTAMINATION % NEG NEG Water Soot % % 0.1 0.4 Nitration (PA) % 62 67 % 52 61 Sulfation (PA) Glycol % NEG NEG % Fuel <1.0 < 1.0 Silicon ppm 9 4 Sodium ppm 4 0 Potassium ppm 2 ■<1 OLA WEAR METALS 9 Iron ppm 6 2 2 Copper ppm Lead 1 🗌 < 1</p> ppm Tin ppm 1 < 1</p> Aluminum 4 0 ppm 1 0 Chromium ppm Molybdenum 95 24 ppm

0

0

0

< 1

0

475

336

460

394

0

3



**ARNOLD MACHINERY COMPANY** 

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TONY PAYAN tpayan@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

## 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. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

VOLV08770 Depot: Unique No: 10900924 Signed:

Don Baldridge **Report Date:** 29 Feb 2024

2

0

1

<1

<1

2005

757

1632

1257

2

34

ppm

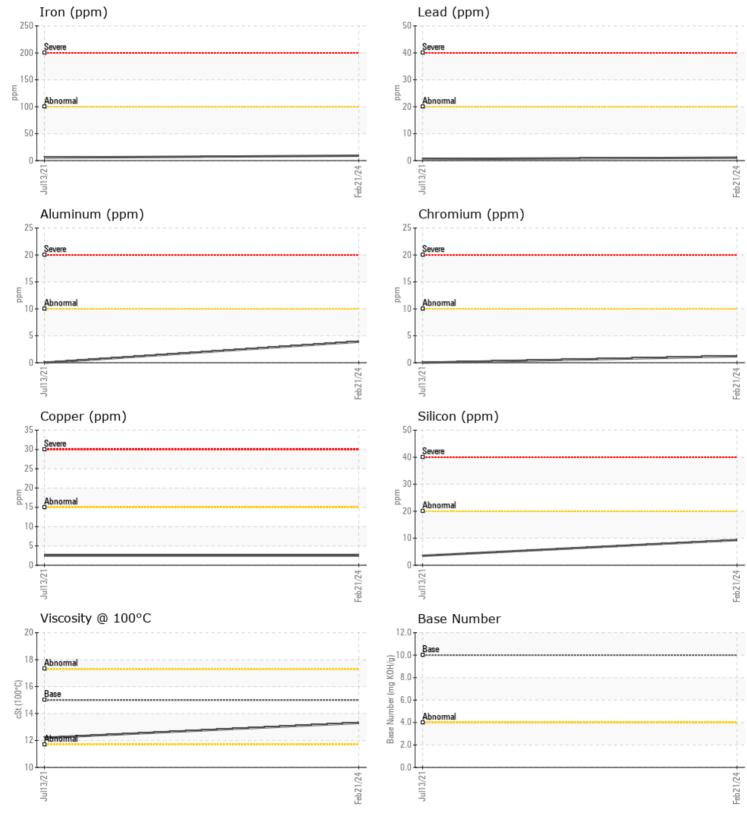
ADDITIVES

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 06102694 (Generated: 02/29/2024 21:00:12) Rev: 1

Contact/Location: TONY PAYAN - VOLVO8770