CONSTRUCTION EQUIPMENT 6684 VOLVO A45G 352216 - DIESEL ENGINE



# Sample No: VCP422902

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	6684

#### SAMPLE INFORMATION VCP422902 Sample Number VCP370144 Sample Date 26 Jun 2023 05 Dec 2022 Machine Hours 7171 6212 Oil Hours 0 2000 Changed Oil Changed Changed Sample Status NORMAL NORMAL **OIL CONDITION** 12.8 Visc @ 100°C cSt 12.7 11.6 Base Number (BN) mg KOH/g 10.7 Oxidation (PA) 79 84 % CONTAMINATION % NEG NEG Water Soot % % 0.1 0.2 Nitration (PA) % 47 63 % 60 65 Sulfation (PA) Glycol % NEG NEG % < 1.0 Fuel <1.0 Silicon ppm **4** 4 Sodium ppm <1 3 Potassium ppm 2 0 WEAR METALS 3 4 Iron ppm ■ <1 1 Copper ppm Lead ■<1 < 1 ppm Tin ppm <1 1 Aluminum 1 2 ppm □ <1 <1 Chromium ppm 39 Molybdenum ppm 39

□<1

0

0

< 1</p>

0

1649

462

1296

1130

0

45



### 364 - ASCENDUM MACHINERY INC - MACON

4807 HARRISON RD MACON, GA US 31206 Contact: HALIE BAKER halie.baker@ascendummachinery.com T: F: (478)200-5859

## 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot:ASCMACUnique No:10782858Signed:Wes DavisReport Date:14 Dec 2023

■ <1

0

**||** <1

0

1587

473

1060

864

11

64

<1

ppm

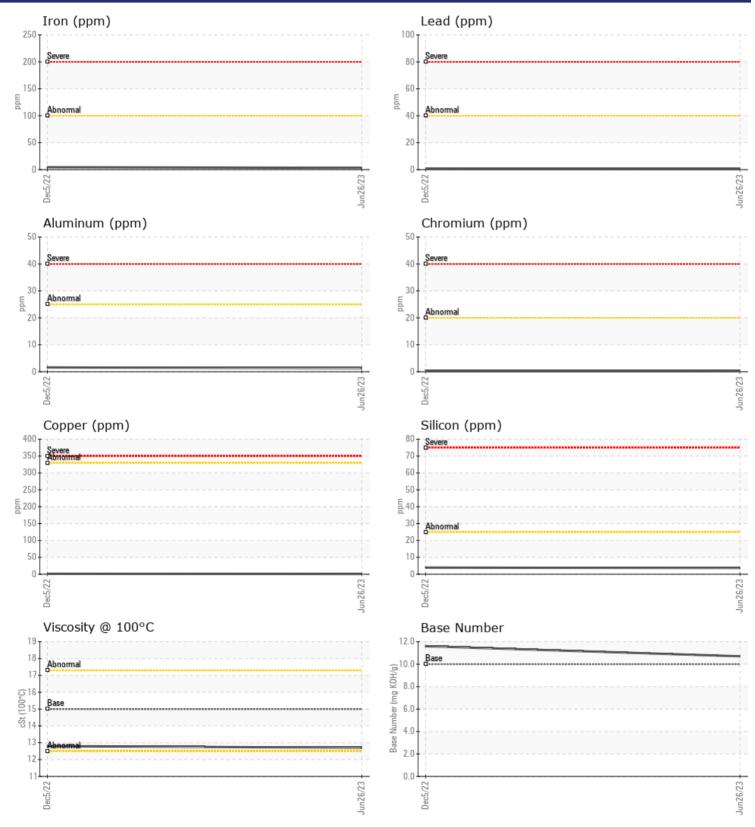
**ADDITIVES** 

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: ` - HALIE BAKER - ASCMAC