CONSTRUCTION EQUIPMENT SWA530860 - DIESEL ENGINE



Sample No:	VCP438863
Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	SWA530860

VOLVO

SAMPLE INFORMATION VCP438863 Sample Number VCP178013 Sample Date 16 Apr 2024 22 Sep 2017 Machine Hours 12474 707 Oil Hours 0 0 Changed Oil Changed Changed NORMAL NORMAL Contact: Service Manager Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 12.7 12.77 Base Number (BN) mg KOH/g 9.4 Oxidation (PA) 56 % 68 CONTAMINATION NEG % NEG Water Soot % % 0.1 0 Nitration (PA) % 51 58 % 51 Sulfation (PA) 55 Glycol % NEG NEG Fuel % <1.0 <1.0 12 Silicon ppm 2 Sodium ppm <1 3 Potassium ppm 0 0 WEAR METALS 2 10 Iron ppm ■ <1 50 Copper ppm Lead ■<1 < 1 ppm 0 Tin ppm <1 ppm Aluminum ■ <1 2 0 <1 Chromium ppm 48 Molybdenum ppm 58 🔲 Nickel 0 0 ppm Titanium 0 <1 ppm 0 Silver 0 ppm Manganese ppm 0 🔲 1 Vanadium 0 ppm <1 **ADDITIVES** Calcium 1107 1655 ppm 973 607

921

829

29

0



PREFERRED MATERIALS 4636 SCARBOROUGH DR LUTZ. FL US 33559

T: (850)479-3004

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.

1185

1026

0 🔲

0

ppm

ppm

ppm

ppm

ppm

Magnesium

Phosphorus

Zinc

Barium

Boron

PRELUT Depot: Unique No: 10989321 Signed: Angela Borella **Report Date:** 23 Apr 2024

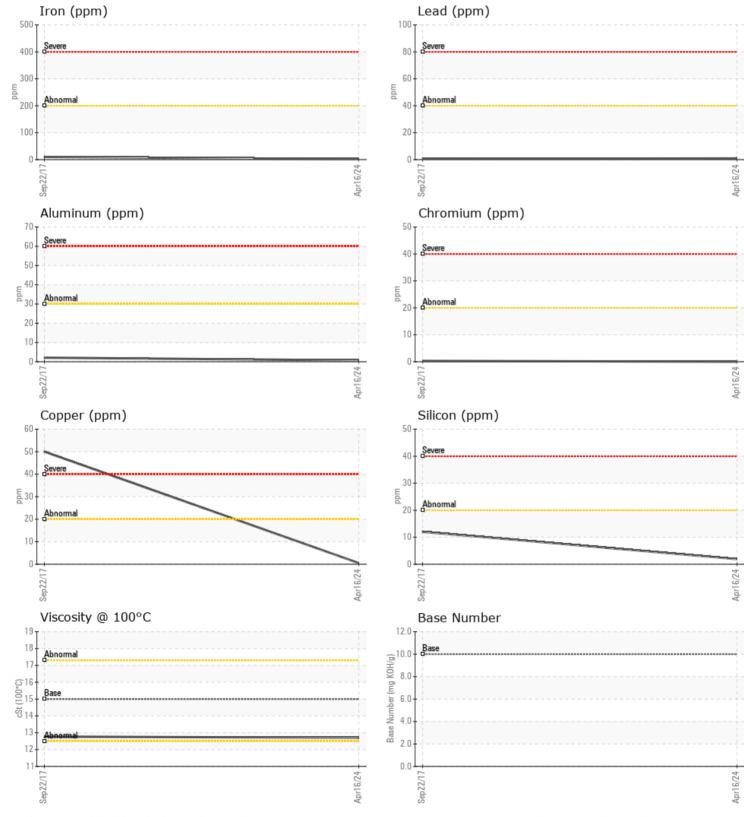
Contact/Location: Service Manager - PRELUT

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Service Manager - PRELUT