

CONSTRUCTION EQUIPMENT 578918 VOLVO L110H 631271 - DIESEL ENGINE



Sample No: VCP411551

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: 578918

SAMPLE INFORMATION Sample Number VCP411551 VCP320488 Sample Date 15 Jul 2023 15 Aug 2021 Machine Hours 2251 7533 Oil Hours 500 1500 Oil Changed Changed Changed Sample Status NORMAL NORMAL	
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OIL CONDITION	
Visc @ 100°C	
Base Number (BN) mg KOH/g 9.6	
Oxidation (PA)	
SALULUS (17)	
VOLVO	
CONTAMINATION	
Soot % © 0.3 © 0.4	
Nitration (PA)	
Sulfation (PA) % 58 66	
Glycol % NEG NEG	
Fuel % <1.0 <1.0	
Silicon ppm 🔲 13 🖂 6	
Sodium ppm 3 3	
Potassium ppm 3	
occasioni ppini	
VOLVO	
WEAR METALS	
lron ppm □24 □20	
Copper	
Lead ppm 	
Tin ppm 2 1	
Aluminum ppm 11 5	
Chromium ppm 4	
Molybdenum ppm 49 42	
Nickel ppm	
Titanium ppm <1 <1	
Silver ppm C1 <1	
Manganese ppm 1	
Vanadium ppm 0 0	
учинаний рупп	
VOLVO	
Zavitida V	
Calcium ppm □ 1737 □ 1757	
Magnesium ppm 551 515	
Zinc ppm 1203 1105	

960

0

26



RIPA AND ASSOCIATES

10149 FISHER AVENUE TAMPA, FL US 33619 Contact: ROBERT TURNER rturner@ripatampa.com T: F:

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:RIPTAMUnique No:10601867Signed:Don BaldridgeReport Date:12 Aug 2023

976

0

25

ppm

ppm

ppm

Phosphorus

Barium

Boron



CONSTRUCTION EQUIPMENT





