CONSTRUCTION EQUIPMENT SPM701549 RENTAL VOLVO A25G 752989 - DIESEL ENGINE

Sample No: VCP438858

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: SPM701549 RENTAL

VOLVO

Chromium

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Molybdenum

SAMPLE INFORMATION									
Sample Number		VCP438858							
Sample Date		12 Apr 2024							
Machine Hours		550							
Oil Hours		0							
Oil Changed		Changed							
Sample Status		ABNORMAL							
OIL CONDITION									
Visc @ 100°C	cSt	11.3							
Base Number (BN)	mg KOH/g	6.0							
Oxidation (PA)	%	59							
CONTAMINATION									
Water	%	NEG							
Soot %	%	0.2							
Nitration (PA)	%	80							
Sulfation (PA)	%	52							
Glycol	%	NEG							
Fuel	%	0.4							
Silicon	ppm	4 8							
Sodium	ppm	5							
Potassium	ppm	6							
VOLVO									
WEAR ME	TALS		_						
Iron	ppm	30							
Copper	ppm	648							
Lead	ppm	2							
Tin	ppm	4							
Aluminum	ppm	4							



ALTA EQUIPMENT COMPANY

5210 REESE ROAD DAVIE, FL US 33314 Contact: N. FACEY nfacey@altaequipfl.com T: (954)581-4744 F: (954)583-0318

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other metal levels are typical for a new component breaking in. Fuel content negligible. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 	 Depot:	VOLVO0095
 	 Unique No:	10982796
	Signed:	Don Baldridge

Report Id: VOLVO0095 [WUSCAR] 06152718 (Generated: 04/23/2024 09:05:37) Rev: 1

2

2

3

6

114

<1

<1

2850

151

1628

|| <1

48

ppm

ADDITIVES

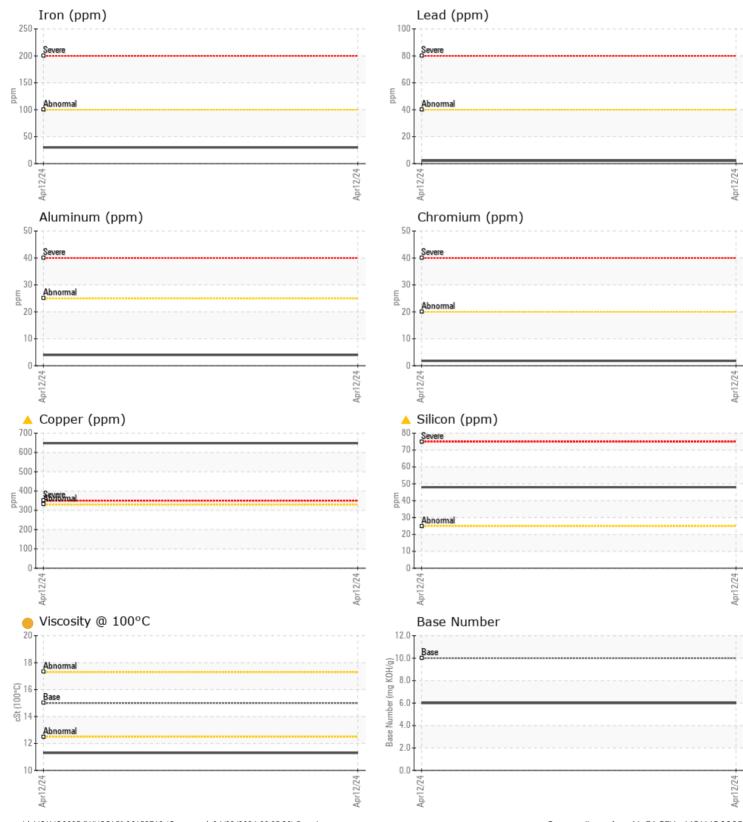
Report Date:23 Apr 2024Contact/Location: N. FACEY - VOLVO0095

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0095 [WUSCAR] 06152718 (Generated: 04/23/2024 09:05:39) Rev: 1

Contact/Location: N. FACEY - VOLVO0095