CONSTRUCTION EQUIPMENT 579405 TOEBE VOLVO A40G 353263 - DIESEL ENGINE



Sample No: VCP416258 **Oil Type:**

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

25

4

2

Job No:

579405 TOFBF

NFORMATION				
	VCP416258		- 	
	17 Jul 2023			
	467			
	467			
	Changed			
	ABNORMAL			
TION				
cSt	10.6			
mg KOH/g	6.0			
%	57			
ΝΔΤΙΩΝ				
0/				
%	0.2			
%	83			
	_			
%	83			
	mg KOH/g	VCP416258 17 Jul 2023 467 467 Changed ABNORMAL	VCP416258 17 Jul 2023 467 467 Changed ABNORMAL cSt ▲ 10.6 mg KOH/g 6.0 % 57	VCP416258 17 Jul 2023 467 467 467 Changed ABNORMAL cSt ▲ 10.6 % 57

Sodium Potassium ppm

ppm

ppm

Silicon

WEAR METALS 16 Iron ppm Copper 329 ppm Lead 3 ppm Tin 3 ppm Aluminum ppm 1 Chromium ppm <1 Molybdenum 92 ppm Nickel ppm **||** <1 Titanium <1 ppm Silver 0 ppm Manganese ppm 3 Vanadium ppm <1

pm	2348			
pm	28			
pm	1248			
pm	1051			
pm	0			
pm	49			
	om om om om	28 om 1248 om 1051 om 0	28 om 1248 om 1051 om 0	28 1248 1051 om 0



ALTA EQUIPMENT COMPANY - METRO WEST

56195 PONTIAC TRAIL NEW HUDSON, MI US 48165 Contact: PAUL CONZ paul.conz@altg.com T: (313)348-8861 F: (248)356-2029

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. 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.

Depot: VOLVO2990 Unique No: Signed: **Report Date:**

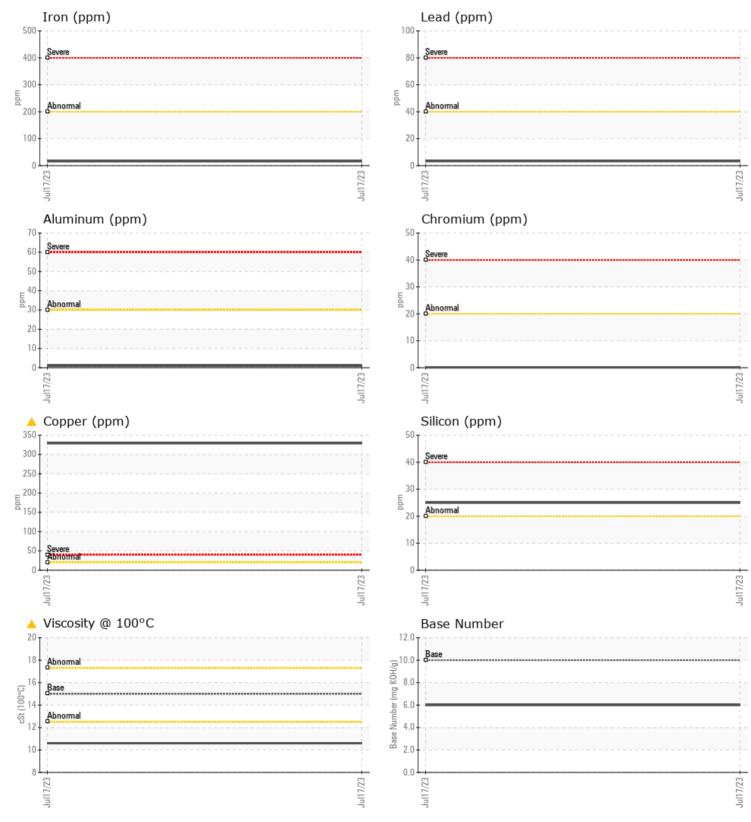
10565399 Don Baldridge 25 Jul 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO2990 [WUSCAR] 05904043 (Generated: 07/25/2023 19:14:50) Rev: 1

Contact/Location: PAUL CONZ - VOLVO2990