CONSTRUCTION EQUIPMENT

Sample No: VCP403706

VOLVO

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

Job No:

219138 ALTA USED

SAMPLE INFORMATION VCP403706 Sample Number Sample Date 30 Mar 2023 Machine Hours 6983 Oil Hours 0 Oil Changed Changed MARGINAL Sample Status **OIL CONDITION** Visc @ 100°C cSt **12.4** Base Number (BN) mg KOH/g 9.5 Oxidation (PA) % 56 CONTAMINATION 0.1 % Soot % Nitration (PA) % 59 Sulfation (PA) % 52 % NEG Glycol



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

9601 BOGGY CREEK RD ORLANDO, FL US 32824 Contact: Robert LaPlante robert.laplante@altg.com T: (407)508-9736 F: (407)659-8720

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Light fuel dilution occurring. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil.

Potassium	ppm
VOLVO	

%

ppm

ppm

4

1

■ <1

Fuel

Silicon

Sodium

WEAR METALS							
Iron	ppm	9					
Copper	ppm	1 3					
Lead	ppm	0					
Tin	ppm	0					
Aluminum	ppm	1					
Chromium	ppm	□<1					
Molybdenum	ppm	56					
Nickel	ppm	0					
Titanium	ppm	0					
Silver	ppm	0					
Manganese	ppm	□<1					
Vanadium	ppm	0					

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ADDITIVES							
Calcium	ppm	1100					
Magnesium	ppm	941					
Zinc	ppm	1209					
Phosphorus	ppm	1018					
Barium	ppm	0					
Boron	ppm	5					

 Depot:
 VOLVO0096

 Unique No:
 10415996

 Signed:
 Jonathan Hester

 Report Date:
 13 Apr 2023

Report Id: VOLVO0096 [WUSCAR] 05813204 (Generated: 10/03/2023 10:55:05) Rev: 1

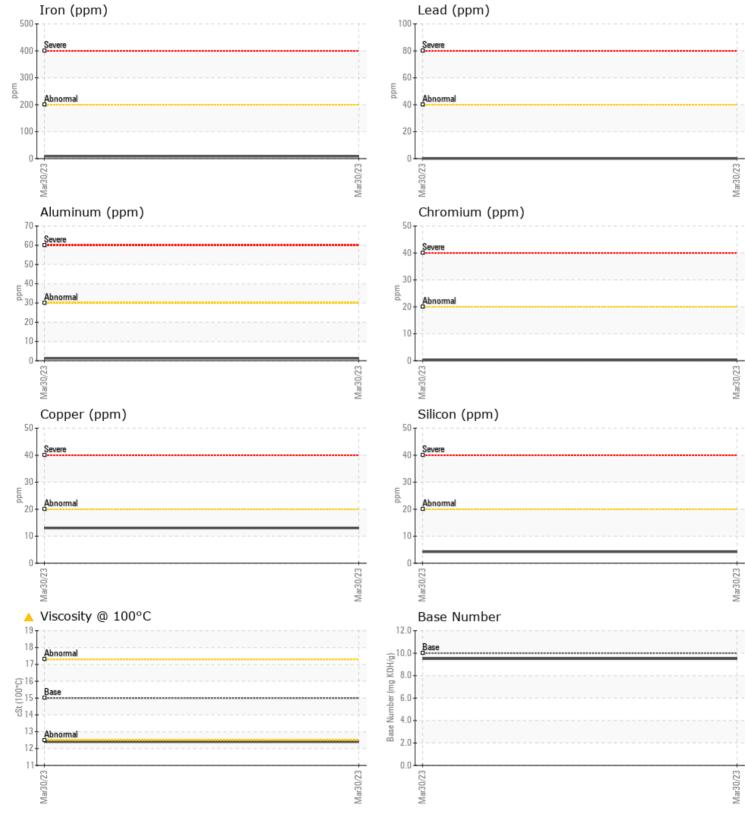
Contact/Location: Robert LaPlante - VOLVO0096

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Robert LaPlante - VOLVO0096