CONSTRUCTION EQUIPMENT X18190 APAC VOLVO A40G 352887 - DIESEL ENGINE



Sample No:VCP428616Oil Type:VOLVO ULTRA DIRIch No:V18100 ADAC

VOLVO

e: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

Potassium

/12

ppm

3

X18190 APAC

SAMPLE INFORMATION VCP428616 Sample Number Sample Date 02 Feb 2024 Machine Hours 4068 Oil Hours 0 Oil Changed Changed ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.5 Base Number (BN) mg KOH/g 8.8 Oxidation (PA) 84 % CONTAMINATION NEG % Water Soot % % 0.2 Nitration (PA) % 76 % 65 Sulfation (PA) Glycol % NEG % Fuel <1.0 **10** Silicon ppm 39 Sodium ppm



SCOTT EQUIPMENT COMPANY LLC - Jackson 3860 I-55 South JACKSON, MS US 39212 Contact: DWIGHT MCDOUGAL DMCDOUGAL@SCOTTCOMPANIES.COM T: F: (601)326-3359

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Valve wear is indicated. 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 acceptable for the time in service.

WEAR	METALS			
			<u>_</u>	
Iron	ppm	1 4		
Copper	ppm	35		
Lead	ppm	2		
Tin	ppm	2		
Aluminum	ppm	3		
Chromium	ppm			
Molybdenum	ppm	50		
Nickel	ppm	<u> </u>		
Titanium	ppm	<1		
Silver	ppm			
Manganese	ppm	2		
Vanadium	ppm	<1		

ADDITIVES								
Calcium	ppm	1720						
Magnesium	ppm	530						
Zinc	ppm	1242						
Phosphorus	ppm	952						
Barium	ppm	0						
Boron	ppm	45						

 Depot:
 VOLV08771

 Unique No:
 10869640

 Signed:
 Jonathan Hester

 Report Date:
 09 Feb 2024

Report Id: VOLVO8771 [WUSCAR] 06082195 (Generated: 02/09/2024 08:46:45) Rev: 1

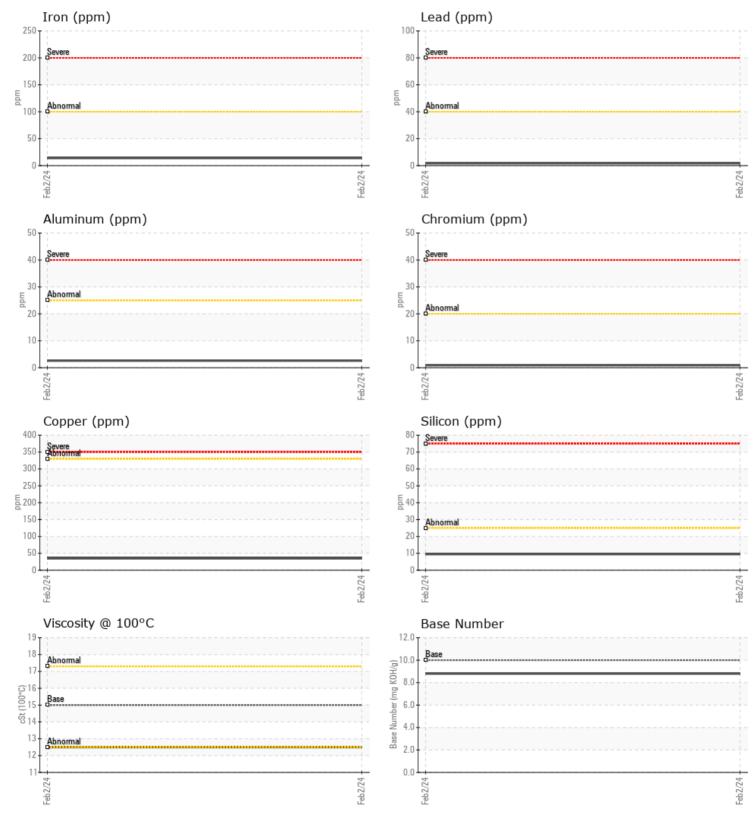
Contact/Location: DWIGHT MCDOUGAL - VOLVO8771

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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