VOLVO

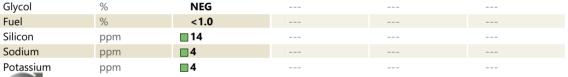
CONSTRUCTION EQUIPMENT X48885 VOLVO L120H 633315 - DIESEL ENGINE



Sample No: VCP442698

Oil Type:VOLVO VDS-4.5 Premium Motor Oil 15W40Job No:X48885

SAMPLE INFORMATION Sample Number VCP442698 Sample Date 24 Apr 2024 Machine Hours 505 Oil Hours 505 Oil Changed Changed Sample Status ABNORMAL **OIL CONDITION** Visc @ 100°C cSt 12.4 Base Number (BN) mg KOH/g 9.6 Oxidation (PA) 73 % CONTAMINATION % NEG Water Soot % % 0.2 Nitration (PA) % 53 % 59 Sulfation (PA)



WEAR METALS

WEAK I	METAL2			
Iron	ppm	28	 	
Copper	ppm	12	 	
Lead	ppm	3	 	
Tin	ppm	2	 	
Aluminum	ppm	6 4	 	
Chromium	ppm	■4	 	
Molybdenum	ppm	38	 	
Nickel	ppm		 	
Titanium	ppm	<1	 	
Silver	ppm	■<1	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	

ADDITIVES Calcium 1445 ppm 584 Magnesium ppm Zinc 1104 ppm Phosphorus ppm 971 Barium 9 🔲 ppm 57 Boron ppm



SCOTT EQUIPMENT COMPANY LLC - Lake Charles PO BOX 16955 LAKE CHARLES, LA US 70616 Contact: FRED RACCA fracca@scottcompanies.com T: (337)433-9811 F: (337)433-6623

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 aluminum level is abnormal. All other metal levels are typical for a new component breaking in. 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.

 Depot:
 VOLVO6244

 Unique No:
 11004807

 Signed:
 Don Baldridge

 Report Date:
 01 May 2024

Report Id: VOLVO6244 [WUSCAR] 06164088 (Generated: 05/02/2024 14:20:13) Rev: 1

Contact/Location: FRED RACCA - VOLVO6244

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

