CONSTRUCTION EQUIPMENT X58856 VOLVO L90H 626476 - DIESEL ENGINE



 Sample No:
 VCP426012

 Oil Type:
 DIESEL ENGINE OIL SAE 40

 Job No:
 X58856

VOLVO

SAMPLE INFORMATION			
Sample Number	VCP426012	 	
Sample Date	07 Nov 2023	 	
Machine Hours	573	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	
OIL CONDITION			
Visc @ 100°C cSt	12.6	 	
Base Number (BN) mg KOH/g	■7.8	 	
Oxidation (PA) %	76	 	
CONTAMINATION		 	
Soot % %	0.4	 	

5000 /0	70			
Nitration (PA)	%	71	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	22	 	
Sodium	ppm	3	 	
Potassium	ppm	1	 	

DLVO WEAD

WEAR N	METALS			
Iron	ppm	4 3	 	
Copper	ppm	9	 	
Lead	ppm	3	 	
Tin	ppm	4	 	
Aluminum	ppm	89	 	
Chromium	ppm	12	 	
Molybdenum	ppm	38	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	0	 	

ADDITIVES					
Calcium	ppm	1512			
Magnesium	ppm	594			
Zinc	ppm	1149			
Phosphorus	ppm	1003			
Barium	ppm	2			
Boron	ppm	4 3			



SCOTT EQUIPMENT COMPANY LLC - Saint Rose PO BOX 997 SAINT ROSE, LA US 70087 Contact: STEPHEN SALMERON ssalmeron@scottcompanies.com T: (504)461-0961 F: (504)461-0970

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.

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 suitable for further service.

Depot:SCOSAIUnique No:10739025Signed:Wes DavisReport Date:14 Nov 2023

Report Id: SCOSAI [WUSCAR] 06005263 (Generated: 11/14/2023 09:06:45) Rev: 1

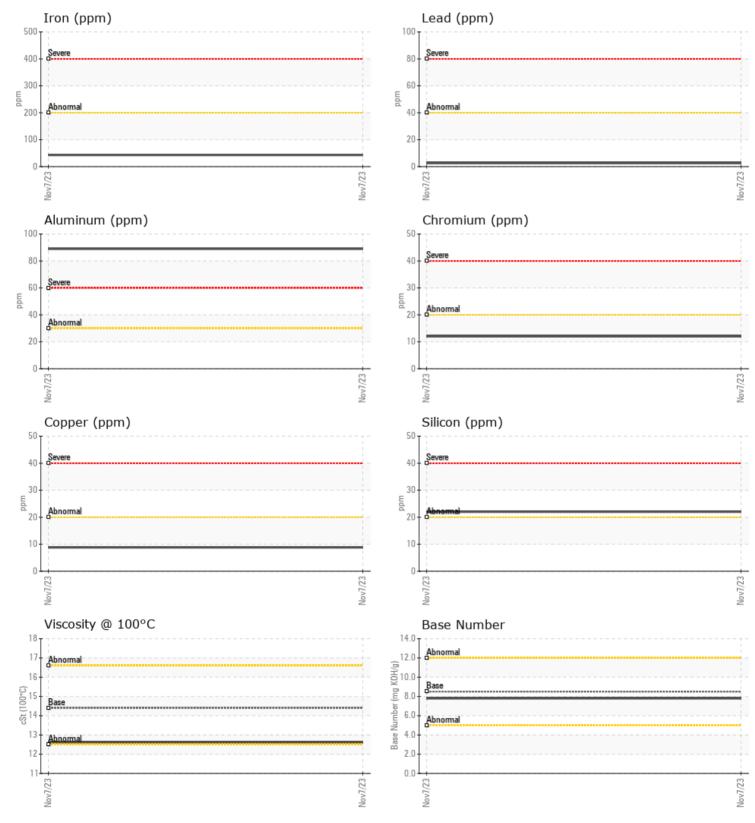
Contact/Location: STEPHEN SALMERON - SCOSAI

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: STEPHEN SALMERON - SCOSAI