VOLVO

CONSTRUCTION EQUIPMENT RANGO VOLVO A60H 340072 - DIESEL ENGINE



Sample No:VCP395794Oil Type:DIESEL ENGINE OIL SAE 15W40

Job No: RANGO

VOLVO					
SAMPLE II	NFORMATION				
Sample Number	-	VCP395794			
Sample Date		01 May 2024			
Machine Hours		8806			
Oil Hours		0			
Oil Changed		N/A			
Sample Status		ABNORMAL			
OIL CONDI					
	-		<u>.</u>	<u>.</u>	
Visc @ 100°C	cSt	12.9			
Base Number (BN)	mg KOH/g	8.2			
Oxidation (PA)	%	61			
VOLVO					
CONTAMIN	NATION				
<u> </u>	-	, NEC	<u>.</u>		-
Water	%	NEG			
Soot %	%	0.4			
Nitration (PA)	%	63			
Sulfation (PA)	%	56			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	A 29			
Sodium	ppm	5			
Potassium	ppm	 <1			
VOLVO					
WEAR ME	TALS				
Iron		14			
Copper	ppm	6			
	ppm				
Lead	ppm	0			
Tin	ppm	0			
Aluminum	ppm	2			
Chromium	ppm	4			
Molybdenum	ppm	9			
Nickel	ppm	2			
Titanium	ppm	60			
Silver	ppm	0			
Manganese	ppm	2			
Vanadium	ppm	<1			
VOLVO					
	2				
Calcium		1757			
Magnesium	ppm	472			
	ppm				
Zinc	ppm	1087			
Phosphorus	ppm	988			

ARNOLD MACHINERY COMPANY

4323 EAST WINSLOW AVENUE PHOENIX, AZ US 85040 Contact: JAKE ZAYES jzayes@arnoldmachinery.com T: (602)414-1900 F: (602)414-1904

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Elemental level of silicon (Si) above normal. 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:
 VOLVO6174

 Unique No:
 11019679

 Signed:
 Don Baldridge

 Report Date:
 11 May 2024

Report Id: VOLVO6174 [WUSCAR] 06173626 (Generated: 05/11/2024 13:08:33) Rev: 1

ppm

ppm

0 🔲

142

Barium

Boron

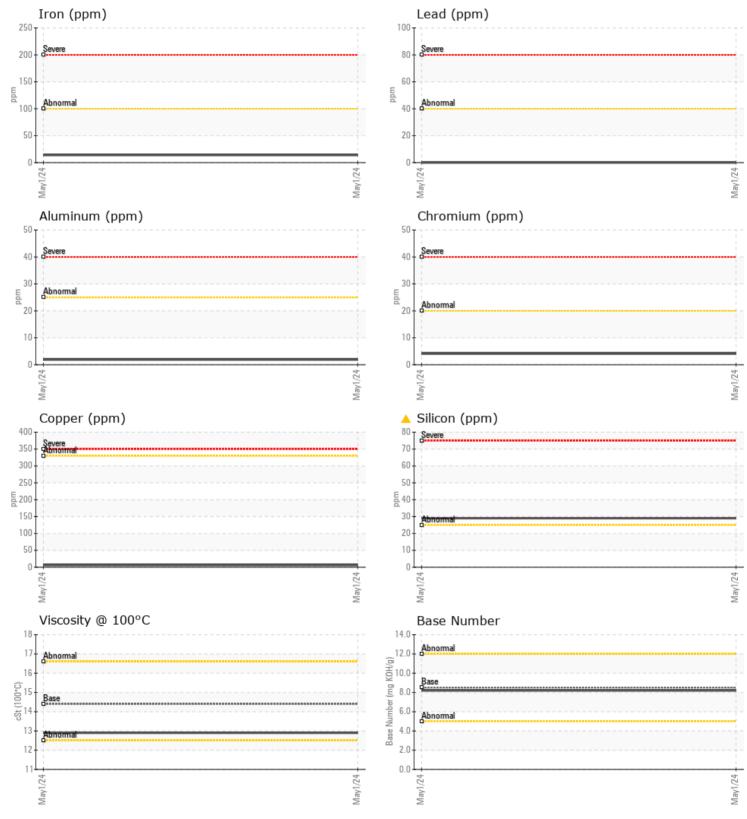
Contact/Location: JAKE ZAYES - VOLVO6174

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: JAKE ZAYES - VOLVO6174