CONSTRUCTION EQUIPMENT SW0-063670 VOLVO A45G 340126 - DIESEL ENGINE



 Sample No:
 VCP412707

 Oil Type:
 NOT GIVEN

 Job No:
 SWO-063670

VOLVO

SAMPLE INFORMATION

Sample Number		VCP412707	VCP351742	
Sample Date		11 Jul 2023	04 Apr 2022	
Machine Hours		8645	6123	
Oil Hours		0	6123	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	ATTENTION	
OIL CON	DITION			
Visc @ 100°C	cSt	12.9	11.3	
Base Number (BN	J) mg KOH/g	9.8	10.4	
Oxidation (PA)	%	80	79	
CONTAM	IINATION			
Soot %	%	0.6	0.7	
Nitration (PA)	%	62	74	
Sulfation (PA)	%	63	66	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	0.6	
Silicon	ppm	6	7	
Sodium	ppm	12	1 85	
Potassium	ppm	■<1	7	

otassium

WEAR N	METALS			
Iron	ppm	12	9	
Copper	ppm	1	8	
Lead	ppm	□ <1	2	
Tin	ppm	□ <1	<1	
Aluminum	ppm	6	6	
Chromium	ppm		<1	
Molybdenum	ppm	37	42	
Nickel	ppm		<1	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	<1	<1	
Vanadium	ppm	0	0	

vanadiu

ADDITIVES							
Calcium	ppm	1666	1498				
Magnesium	ppm	503	645				
Zinc	ppm	1086	1129				
Phosphorus	ppm	879	1025				
Barium	ppm	0	0				
Boron	ppm	36	39				



SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD BIRMINGHAM, AL US 35207 Contact: STEPHANI BRITTON sbritton@saiia.com;doug.bogart@wearcheck.com T: (205)943-2268 F: (205)943-2269

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. 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:
 SAIBIR

 Unique No:
 10559727

 Signed:
 Don Baldridge

 Report Date:
 17 Jul 2023

Report Id: SAIBIR [WUSCAR] 05898371 (Generated: 07/18/2023 16:29:21) Rev: 1

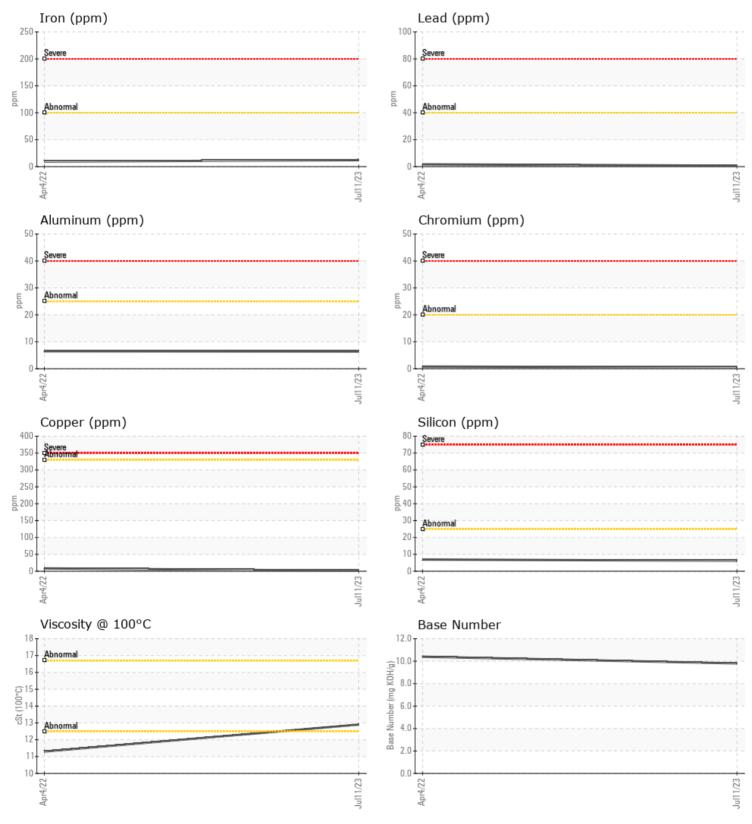
Contact/Location: STEPHANI BRITTON - SAIBIR

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: STEPHANI BRITTON - SAIBIR