CONSTRUCTION EQUIPMENT SW1020470 EWING IRRI VOLVO L50H 4322067 - DIESEL ENGINE

Sample No: VCP406956

VOLVO

Oil Type: DIESEL ENGINE OIL SAE 15W40 Job No: SW1020470 EWING IRRI

SAMPLE INFORMATION

Sample Number		VCP406956	VCP403606					
Sample Date		30 Jun 2023	28 Mar 2023					
Machine Hours		6239	5554					
Oil Hours		0	0					
Oil Changed		Changed	Changed					
Sample Status		NORMAL	NORMAL					
Visc @ 100°C	cSt	13.3	14.1					
Base Number (BN)	mg KOH/g	8.2	7.0					
Oxidation (PA)	%	71	58					
Soot %	%	0.6	0.7					
Nitration (PA)	%	74	83					
Sulfation (PA)	%	57	55					
Glycol	%	NEG	NEG					
Fuel	%	<1.0	< 1.0					
Silicon	ppm	5	6					
Sodium	ppm	2	2					
Potassium	ppm	0	<1					

otassium

WEAR N	METALS			
Iron	ppm	15	16	
Copper	ppm	□ 4	5	
Lead	ppm	0	0	
Tin	ppm		0	
Aluminum	ppm	2	4	
Chromium	ppm		<1	
Molybdenum	ppm	63	91	
Nickel	ppm	0	0	
Titanium	ppm	■ <1	 <1	
Silver	ppm	0	0	
Manganese	ppm	■ <1	<1	
Vanadium	ppm	0	0	

ADDITIVES 1440 Calcium ppm 2355 Magnesium ppm 679 43 1235 🔲 Zinc ppm 1325 Phosphorus ppm 1011 1108 ppm Barium 0 🔲 0 54 Boron 19 ppm



ARNOLD MACHINERY COMPANY

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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 suitable for further service.

 Depot:
 VOLVO6174

 Unique No:
 10549125

 Signed:
 Wes Davis

 Report Date:
 11 Jul 2023

Report Id: VOLVO6174 [WUSCAR] 05893315 (Generated: 07/11/2023 04:54:47) Rev: 1

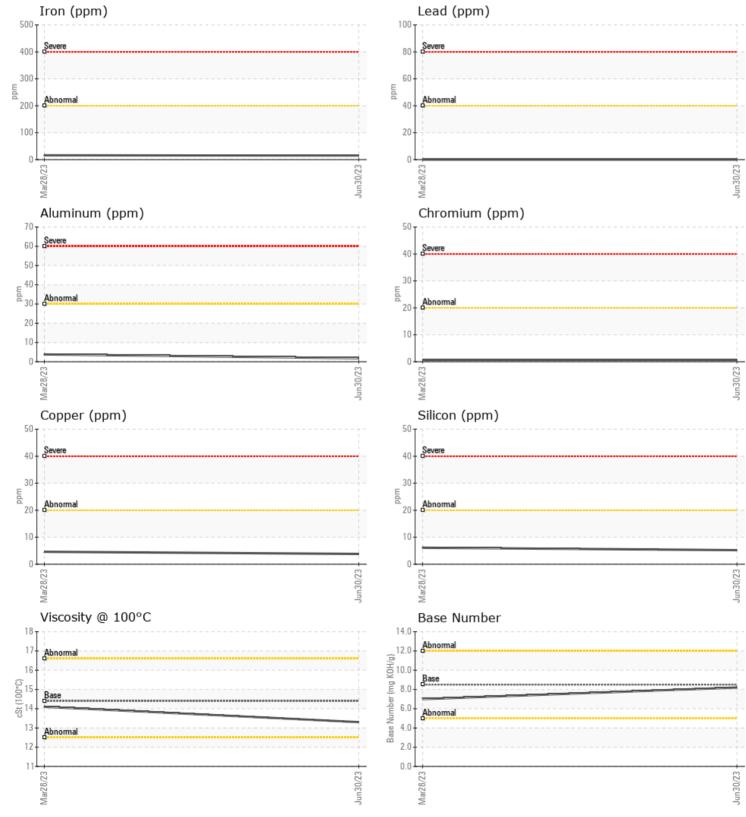
Contact/Location: RANDY PRZEKURAT - VOLVO6174

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: RANDY PRZEKURAT - VOLVO6174