CONSTRUCTION EQUIPMENT SW1024994 RENTAL-FHI VOLVO A40G 352889 - DIESEL ENGINE

Sample No: VCP425240 **Oil Type: DIESEL ENGINE OIL SAE 15W40** SW1024994 RENTAL-FHI

VOLVO

Job No:

SAMPLE INFORMATION VCP425240 Sample Number VCP398283 Sample Date 13 Oct 2023 23 Feb 2023 Machine Hours 1901 1251 Oil Hours 0 0 Changed Changed Oil Changed NORMAL ATTENTION Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.8 12.3 9.2 Base Number (BN) mg KOH/g 8.2 Oxidation (PA) 72 80 % CONTAMINATION % 0.3 Soot % 0.2 Nitration (PA) % 70 79 Sulfation (PA) % 60 64 % NEG 0.0 Glycol Fuel % <1.0 0.5 Silicon ppm 8 14

Potassium

ppm

ppm

1

2

Sodium

WEAR N	METALS			
Iron	ppm	1 9	10	
Copper	ppm	4 9	140	
Lead	ppm	1	< 1	
Tin	ppm	1	2	
Aluminum	ppm	2	3	
Chromium	ppm		<1	
Molybdenum	ppm	54	48	
Nickel	ppm	8	1	
Titanium	ppm	□<1	0	
Silver	ppm	0	<1	
Manganese	ppm	□<1	1	
Vanadium	ppm	0	0	

< 1

2

ADDITIVES Calcium ppm 1328 1774 Magnesium 677 407 ppm 1179 1139 Zinc ppm Phosphorus 882 951 ppm Barium **10** 0 ppm 22 43 Boron ppm



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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.

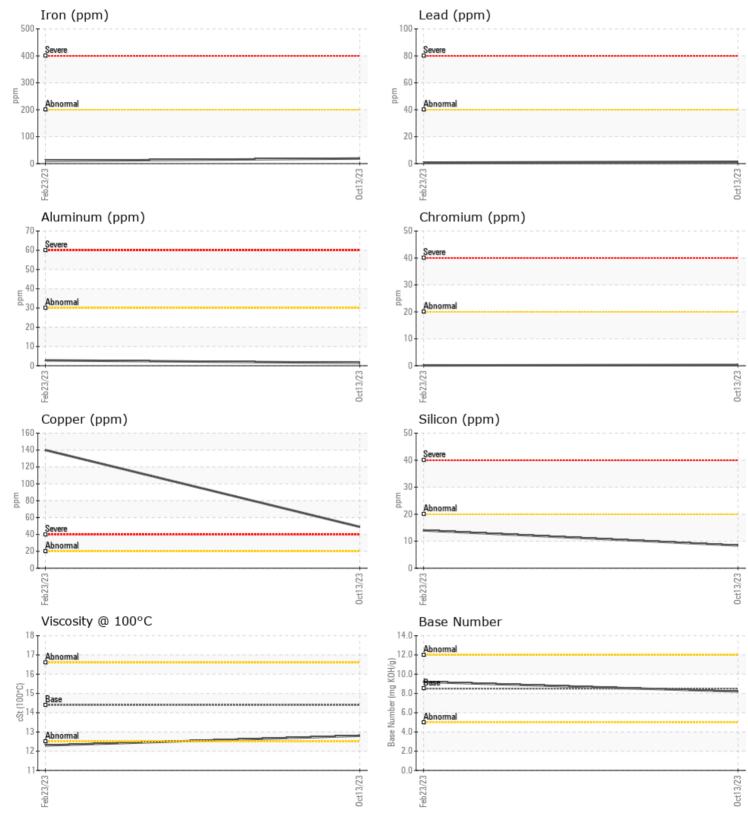
Depot: VOLVO6174 Unique No: 10711182 Signed: Wes Davis **Report Date:** 25 Oct 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO6174 [WUSCAR] 05988520 (Generated: 10/25/2023 15:34:41) Rev: 1

Contact/Location: RANDY PRZEKURAT - VOLVO6174