CONSTRUCTION EQUIPMENT VOLVO L70H 624024 - DIESEL ENGINE 9385



Sample No: VCP423113 **Oil Type:** CHEVRON 15W40 Job No: 9385

VOLVO

SAMPLE INFORMATION VCP423113 Sample Number VCP361165 Sample Date 27 Jul 2023 01 Jun 2022 Machine Hours 1048 517 Oil Hours 0 0 Oil Changed Changed Changed NORMAL ATTENTION Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.6 **1**2.3 10.0 Base Number (BN) mg KOH/g 8.5 Oxidation (PA) 65 69 % CONTAMINATION

Soot %	%	0.3	0.2	
Nitration (PA)	%	62	63	
Sulfation (PA)	%	61	57	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	0.6	
Silicon	ppm	1 0	18	
Sodium	ppm	2	4	
Potassium	ppm	6	2	

WEAR I	METALS			
Iron	ppm	39	39	
Copper	ppm	2	9	
Lead	ppm	0	2	
Tin	ppm		3	
Aluminum	ppm	21	20	
Chromium	ppm	2	4	
Molybdenum	ppm	109	28	
Nickel	ppm		<1	
Titanium	ppm	<1	<1	
Silver	ppm	 <1	0	
Manganese	ppm	1	4	
Vanadium	ppm	0	0	

ADDITIVES							
Calcium	ppm	1364	1522				
Magnesium	ppm	474	554				
Zinc	ppm	994	1121				
Phosphorus	ppm	819	899				
Barium	ppm	0	1				
Boron	ppm	336	64				



RELIABLE CONTRACTING

2410 EVERGREEN RD SUITE 200 GAMBRILLS, MD US 21054 Contact: RUSSELL HATFIELD RHATFIELD@RELIABLECONTRACTING.COM T: (410)987-1851 F:

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: RELMIL Unique No: 10586157 Signed: Wes Davis Report Date: 03 Aug 2023

Report Id: RELMIL [WUSCAR] 05914243 (Generated: 08/08/2023 02:48:37) Rev: 1

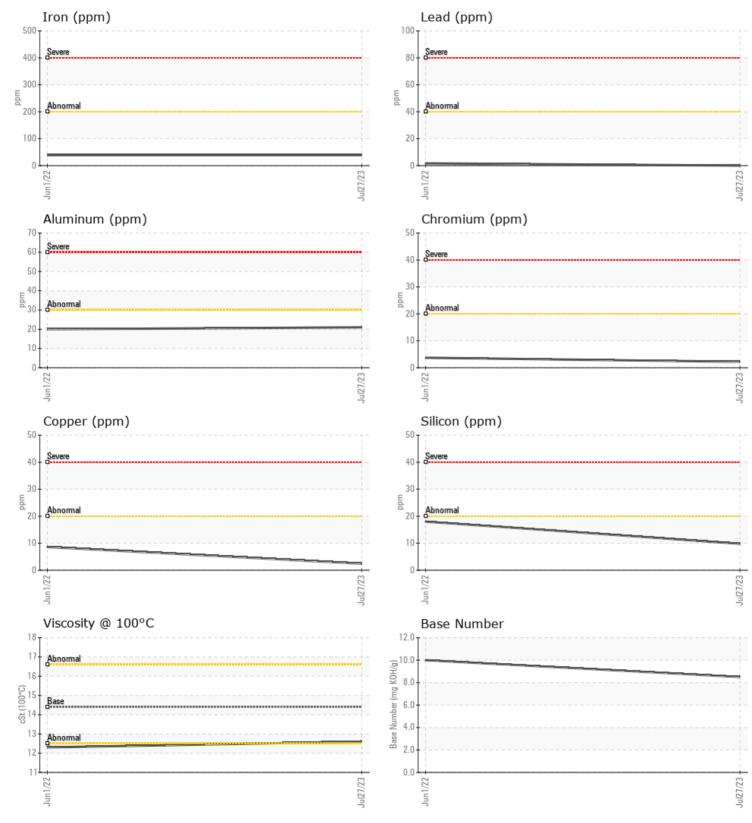
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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