## CONSTRUCTION EQUIPMENT 23898 VOLVO L60H 622169 - DIESEL ENGINE



## Sample No: VCP424652

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 23898

#### SAMPLE INFORMATION VCP424652 Sample Number VCP318866 Sample Date 06 Sep 2023 07 Sep 2021 Machine Hours 1954 1411 Oil Hours 1000 0 Oil Changed Changed Changed NORMAL NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.2 12.9 10.6 Base Number (BN) mg KOH/g Oxidation (PA) 79 75 % CONTAMINATION

Soot %	%	∎1.1	0.3	 
Nitration (PA)	%	71	57	 
Sulfation (PA)	%	63	59	 
Glycol	%	NEG	NEG	 
Fuel	%	<1.0	< 1.0	 
Silicon	ppm	<b>1</b> 9	8	 
Sodium	ppm	<b>16</b>	2	 
Potassium	ppm	2	0	 

WEAR I	METALS			
Iron	ppm	60	23	 
Copper	ppm	5	1	 
Lead	ppm	□<1	<1	 
Tin	ppm	2	<1	 
Aluminum	ppm	18	13	 
Chromium	ppm	<b>12</b>	1	 
Molybdenum	ppm	42	41	 
Nickel	ppm	<b>1</b>	0	 
Titanium	ppm	<1	<1	 
Silver	ppm	0	0	 
Manganese	ppm	2	< 1	 
Vanadium	ppm	<1	0	 

vanadiur

ADDITIVES							
Calcium	ppm	<b>1858</b>	1759				
Magnesium	ppm	536	490				
Zinc	ppm	<b>1206</b>	1178				
Phosphorus	ppm	982	1007				
Barium	ppm	0	0				
Boron	ppm	<b>46</b>	<b>4</b> 1				



218 - ASCENDUM MACHINERY INC - N. CHARLESTON

7235 CROSS COUNTRY RD. NORTH CHARLESTON, SC US 29418 Contact: MATT MITCHAM matt.mitcham@ascendummachinery.com T: F: (843)414-1129

### Diagnosis

No corrective action is recommended at this time. 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:
 VOLVO3387

 Unique No:
 10645891

 Signed:
 Angela Borella

 Report Date:
 15 Sep 2023

Report Id: VOLVO3387 [WUSCAR] 05949932 (Generated: 09/15/2023 18:03:36) Rev: 1

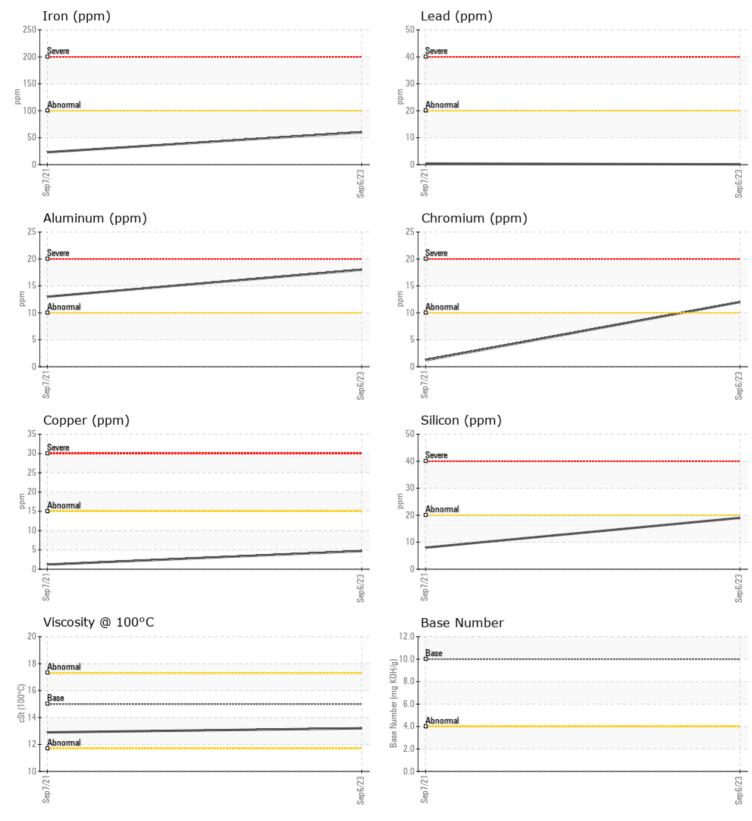
Contact/Location: MATT MITCHAM - VOLVO3387

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: MATT MITCHAM - VOLVO3387