CONSTRUCTION EQUIPMENT SWA309160 VOLVO L220H 2543 - DIESEL ENGINE



Sample No:	VCP413159
Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	SWA309160

SAMPLE INFORMATION

VOLVO

SAPILE IN				
Sample Number	-	VCP413159	VCP178015	
Sample Date		14 Jul 2023	22 Sep 2017	
Machine Hours		8705	417	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	LION			
Visc @ 100°C	cSt	12.9	12.91	
Base Number (BN)	mg KOH/g	10.3		
Oxidation (PA)	%	84	60	
	IATION			
Soot %	%	0.2	0	
Nitration (PA)	%	62	42	
Sulfation (PA)	%	62	50	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	4	8	
Sodium	ppm	3	2	
Potassium	ppm	8	0	

WEAD METALS

WEAK I	METALS			
Iron	ppm	4	3	
Copper	ppm	2	3	
Lead	ppm	□<1	0	
Tin	ppm		0	
Aluminum	ppm	3	1	
Chromium	ppm	0	<1	
Molybdenum	ppm	48	43	
Nickel	ppm	0	<1	
Titanium	ppm	<1	<1	
Silver	ppm	0	0	
Manganese	ppm	□<1	 < 1	
Vanadium	ppm	<1	0	

Variaulu

ADDITIVES						
Calcium	ppm	1781	1739			
Magnesium	ppm	533	541			
Zinc	ppm	1141	889			
Phosphorus	ppm	941	813			
Barium	ppm	0	0			
Boron	ppm	38	50			



PREFERRED MATERIALS 4636 SCARBOROUGH DR

LUTZ, FL US 33559 Contact: Service Manager

T: (850)479-3004 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:
 PRELUT

 Unique No:
 10562261

 Signed:
 Wes Davis

 Report Date:
 18 Jul 2023

Report Id: PRELUT [WUSCAR] 05900905 (Generated: 07/24/2023 16:02:36) Rev: 1

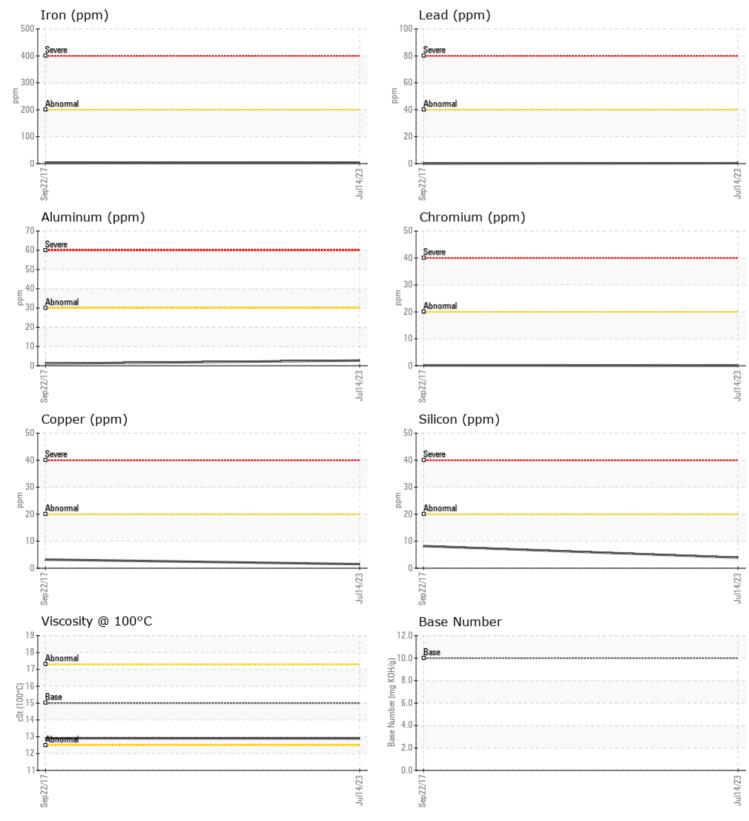
Contact/Location: Service Manager - PRELUT

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Service Manager - PRELUT