CONSTRUCTION EQUIPMENT SW-25206-2 SWIFT VOLVO L60G 611131 - DIESEL ENGINE



Sample No:VCP430686Oil Type:VOLVO ULTR

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

SW-25206-2 SWIFT

SAMPLE I	NFORMATION			
Sample Number		VCP430686	 	
Sample Date		11 Oct 2023	 	
Machine Hours		9716	 	
Oil Hours		10	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.7	 	
Base Number (BN)	mg KOH/g	7.3	 	
Oxidation (PA)	%	55	 	
CONTAMI	NATION			
Soot %	%	0.1	 	
Nitration (PA)	%	65	 	
Sulfation (PA)	%	47	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	2	 	

ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TONY PAYAN tpayan@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

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.

Potassium

ppm

<1

WEAR METALS							
Iron	ppm	4					
Copper	ppm	3					
Lead	ppm	0					
Tin	ppm	0					
Aluminum	ppm	9					
Chromium	ppm	0					
Molybdenum	ppm	90					
Nickel	ppm	0					
Titanium	ppm	0					
Silver	ppm	0					
Manganese	ppm	0					
Vanadium	ppm	0					

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ADDITIVES							
Calcium	ppm	2156					
Magnesium	ppm	44					
Zinc	ppm	1258					
Phosphorus	ppm	1053					
Barium	ppm	0					
Boron	ppm	103					

 Depot:
 VOLVO8770

 Unique No:
 10699582

 Signed:
 Jonathan Hester

 Report Date:
 20 Oct 2023

Report Id: VOLVO8770 [WUSCAR] 05982287 (Generated: 10/22/2023 21:33:31) Rev: 1

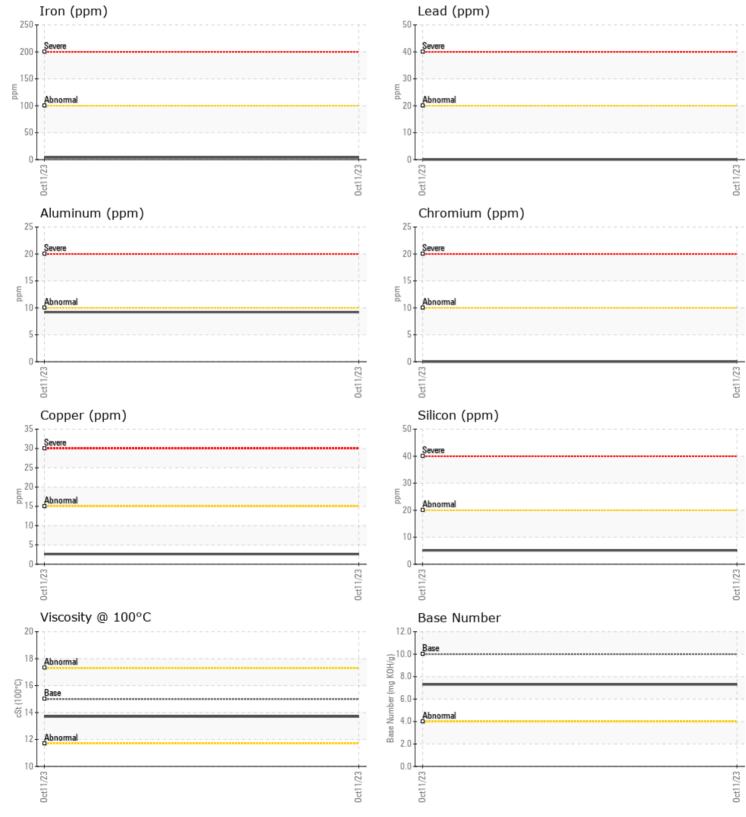
Contact/Location: TONY PAYAN - VOLVO8770

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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