CONSTRUCTION EQUIPMENT SWA400037 MULCH CENT VOLVO L90D 64482 - DIESEL ENGINE

Sample No: VCP339956 Oil Type: VOLVO ULT

VOLVO

: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

SWA400037 MULCH CENT

SAMPLE INFORMATION

Sample Number	-	VCP339956	 	
Sample Date		30 Oct 2023	 	
Machine Hours		26602	 	
Oil Hours		2	 	
Oil Changed		Not Changd	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.6	 	
Base Number (BN)	mg KOH/g	9.2	 	
Oxidation (PA)	%	73	 	
CONTAMI	NATION			
Soot %	%	0.2	 	
Nitration (PA)	%	64	 	
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<u> </u>	 	
Sodium	ppm	2	 	
	1º 1º · · · ·	_		

Potassium

ppm

5

WEAR N	METALS			
Iron	ppm	1 6	 	
Copper	ppm	14	 	
Lead	ppm	5	 	
Tin	ppm	4	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	47	 	
Nickel	ppm	1	 	
Titanium	ppm	0	 	
Silver	ppm	 <1	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	<1	 	

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ADDITIVES							
Calcium	ppm	1542					
Magnesium	ppm	634					
Zinc	ppm	964					
Phosphorus	ppm	748					
Barium	ppm	0					
Boron	ppm	79					



ALTA EQUIPMENT

2500 WESTWARD DR SPRING GROVE, IL US 60081 Contact: EVAN RICKERT evan.richert@altg.com T: (630)465-3464 F:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Tests do not reveal cause for reported problem.All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. 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:
 ALTSPR

 Unique No:
 10726695

 Signed:
 Don Baldridge

 Report Date:
 06 Nov 2023

Report Id: ALTSPR [WUSCAR] 05998335 (Generated: 11/06/2023 16:01:23) Rev: 1

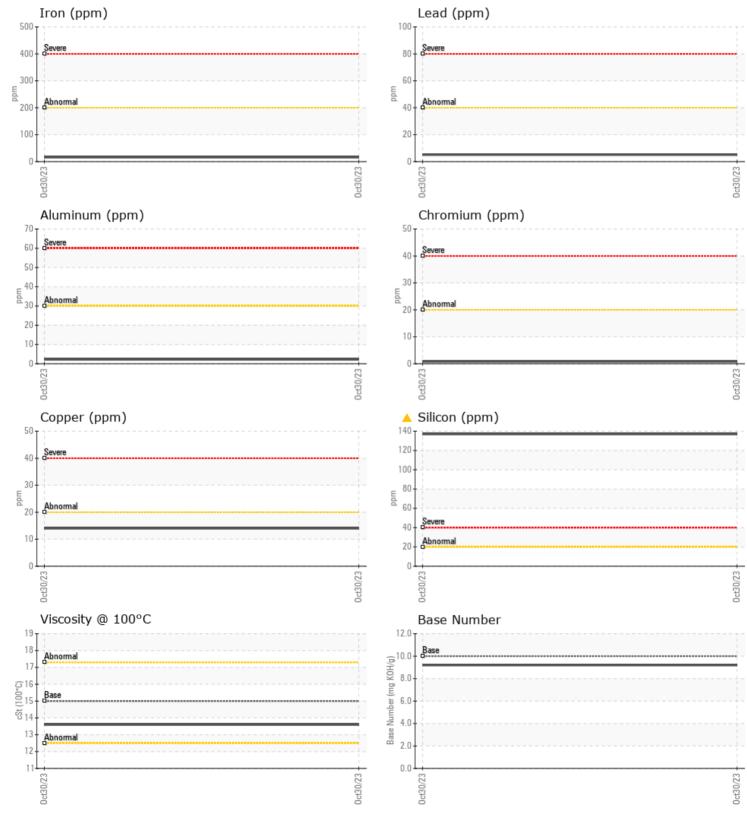
Contact/Location: EVAN RICKERT - ALTSPR

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: EVAN RICKERT - ALTSPR