CONSTRUCTION EQUIPMENT 51350 DUNNING SAND VOLVO L120H 632616 - DIESEL ENGINE

Sample No: VCP434063

TOTATO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 51350 DUNNING SAND

SAMPLE INFORMATION

Sample Number	-	VCP434063	VCP294679	
Sample Date		07 Dec 2023	01 Apr 2021	
Machine Hours		6218	1029	
Oil Hours		1	1029	
Oil Changed		N/A	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.4	13.7	
Base Number (BN)	mg KOH/g	9.9		
Oxidation (PA)	%	69	62	
CONTAMIN	NATION		_	
Water	%	NEG	NEG	
Soot %	%		0.2	
Nitration (PA)	%	46	75	
Sulfation (PA)	%	56	58	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	8	4	
Sodium	ppm	4	0	
Potassium	ppm	2	2	
WEAR ME	TALS			
Iron	ppm	6	16	
Copper	ppm	■ <1	8	
Lead	ppm	0	 <1	
Tin	ppm	0	1	



TYLER EQUIPMENT CORPORATION

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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.

WCAR	METALS					
Iron	ppm	6	16			
Copper	ppm		8			
Lead	ppm	0	 < 1			
Tin	ppm	0	1			
Aluminum	ppm	6	20			
Chromium	ppm		2			
Molybdenum	ppm	51	6			
Nickel	ppm	0	0			
Titanium	ppm	0	<1			
Silver	ppm	0	<1			
Manganese	ppm	0	<1			
Vanadium	ppm	0	0			
ADDITIVES						

Calcium	ppm	1603	1429			
Magnesium	ppm	446	709			
Zinc	ppm	1132	871			
Phosphorus	ppm	946	773			
Barium	ppm	0	<1			
Boron	ppm	63	81			

 Depot:
 VOLV00005

 Unique No:
 10780132

 Signed:
 Wes Davis

 Report Date:
 12 Dec 2023

Report Id: VOLVO0005 [WUSCAR] 06030341 (Generated: 12/13/2023 12:25:37) Rev: 1

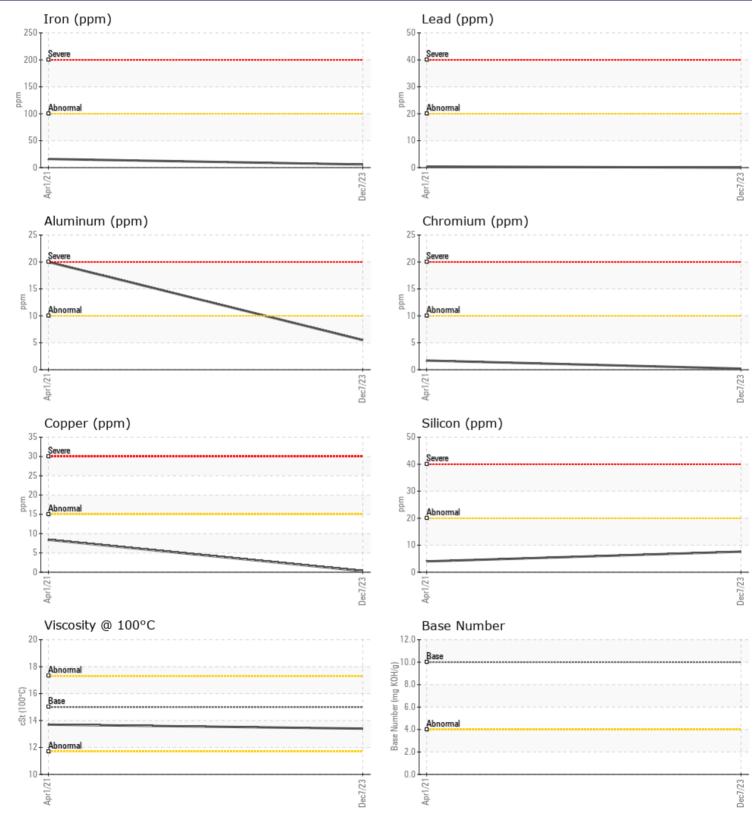
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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