CONSTRUCTION EQUIPMENT 41924 VOLVO A45G 752054 - DIESEL ENGINE



Sample No: VCP449775

41924

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

SAMPLE IN	NFORMATION			
Sample Number	-	VCP449775	 	
Sample Date		19 Apr 2024	 	
Machine Hours		542	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	0 10.7	 	
Base Number (BN)	mg KOH/g	5.6	 	
Oxidation (PA)	%	59	 	
CONTAMIN	ATION			
Water	%	NEG	 	
Soot %	%	0.4	 	
Nitration (PA)	%	79	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	0.5	 	
Silicon	ppm	28	 	
Sodium	ppm	2	 	
Potassium	ppm	2	 	
VOLVO	TALS			

NEAR MEIALS Iron 23 ppm Copper 318 ppm Lead 0 ppm Tin ppm 4 Aluminum ppm 3 **||** <1 Chromium ppm Molybdenum ppm 85 Nickel 2 ppm Titanium 0 ppm Silver 0 ppm Manganese 2 ppm Vanadium 0 ppm

ADDITIVES Calcium 2289 ppm Magnesium 19 ppm ppm Zinc 1171 960 Phosphorus ppm Barium 3 ppm 32 Boron ppm



LANDMARK CONSTRUCTION CO. INC./MEM

3255 INDUSTRY DRIVE NORTH CHARLESTON, SC US 29418 Contact: GENE RICHARDSON grichardson@landmark-sc.com T: (843)767-9741 F: (843)767-9909

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. No other contaminants were detected in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 LANNOR

 Unique No:
 10993682

 Signed:
 Sean Felton

 Report Date:
 25 Apr 2024

Report Id: LANNOR [WUSCAR] 06158259 (Generated: 04/25/2024 17:39:36) Rev: 1

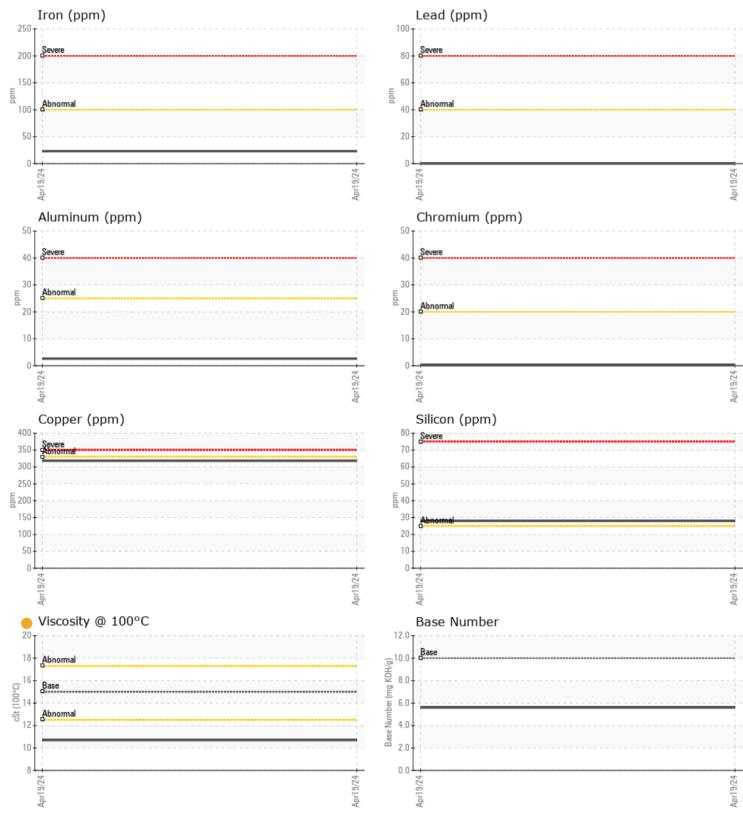
Contact/Location: GENE RICHARDSON - LANNOR

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: GENE RICHARDSON - LANNOR