CONSTRUCTION EQUIPMENT GROOT VOLVOL150H 6799 - DIESEL ENGINE



Sample No: VCP433213

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	GROOT

0

	E INFORMATION		 	
Sample Number		VCP433213	 	
Sample Date		02 Nov 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CON	DITION			
Visc @ 100°C	cSt	6 .7	 	
Base Number (BN	N) mg KOH/g	A 3.0	 	
Oxidation (PA)	%	39	 	
CONTAN	MINATION			
Soot %	%	0	 	
Nitration (PA)	%	27	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	1.6	 	
Silicon	ppm	2	 	
Sodium	ppm	6	 	

ALTA EQUIPMENT

2500 WESTWARD DR SPRING GROVE, IL US 60081 Contact: JOHN DODGE john.dodge@altg.com T:

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. The BN level is low. Confirm oil type.

Potassium	ppm
WEAR MI	ETALS

WLAK I	METALS			
Iron	ppm	7	 	
Copper	ppm	2	 	
Lead	ppm	■ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	 <1	 	
Chromium	ppm	4	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITI	VES			
Calcium	ppm	<u> </u>	 	
Magnesium	ppm	<u> </u>	 	
Zinc	ppm	🔺 537	 	
Phosphorus	ppm	<u> </u>	 	
Barium	ppm	0	 	
Boron	ppm	0	 	

 Depot:
 ALTSPR

 Unique No:
 10726085

 Signed:
 Jonathan Hester

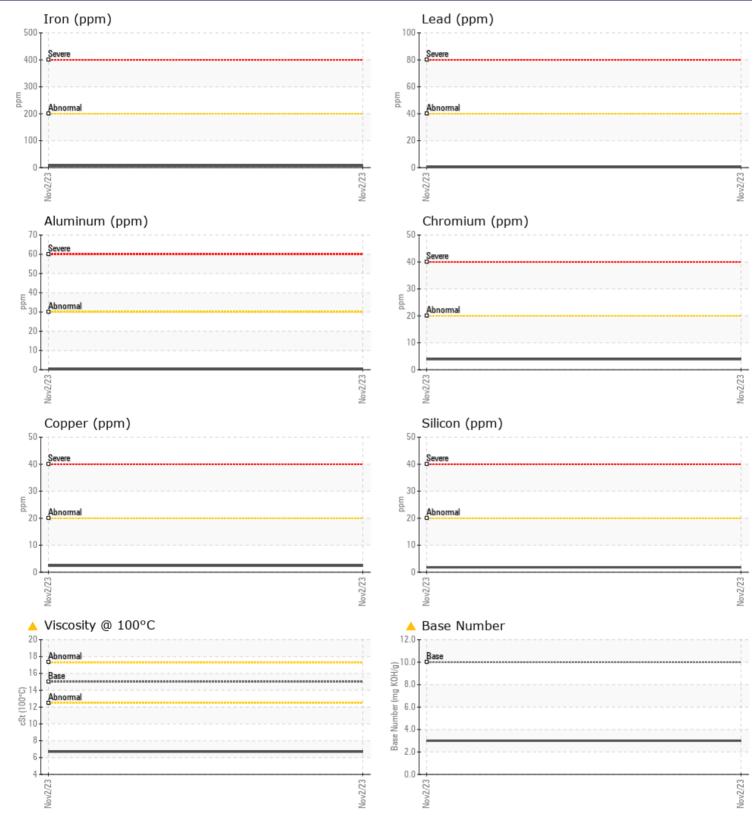
 Report Date:
 08 Nov 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: JOHN DODGE - ALTSPR