CONSTRUCTION EQUIPMENT 113054114 VOLVO L90H 624620 - DIESEL ENGINE



Sample No:VCP414041Oil Type:VOLVO ULTR.

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

113054114

SAMPLE INFORMATION			
Sample Number	VCP414041	 	
Sample Date	04 Oct 2023	 	
Machine Hours	2499	 	
Oil Hours	0	 	
Oil Changed	Not Changd	 	
Sample Status	NORMAL	 	
OIL CONDITION			
Visc @ 100°C cSt	14.1	 	
Base Number (BN) mg KOH/g	10.1	 	
Oxidation (PA) %	56	 	
Soot % %	0.1	 	

5000 /0	70			
Nitration (PA)	%	45	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	8	 	
Potassium	ppm	2	 	

VOLVO

WEAR M	METALS			
Iron	ppm	2	 	
Copper	ppm	1	 	
Lead	ppm	 <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	3	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	58	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	

ADDITIVES 944 Calcium ppm 1052 Magnesium ppm 1223 Zinc ppm Phosphorus ppm 1043 Barium 0 🔲 ppm Boron 121 ppm



GAINES & CO

526 THREE SISTERS RD KNIGHTDALE, NC JS 27545 Contact: BEAR PERONE gperone@gainesandco.com T: (919)524-4711 F: (919)944-0091

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 acceptable for the time in service.

Depot:GAIKNIUnique No:10687285Signed:Angela BorellaReport Date:12 Oct 2023

Report Id: GAIKNI [WUSCAR] 05975335 (Generated: 10/20/2023 11:42:11) Rev: 1

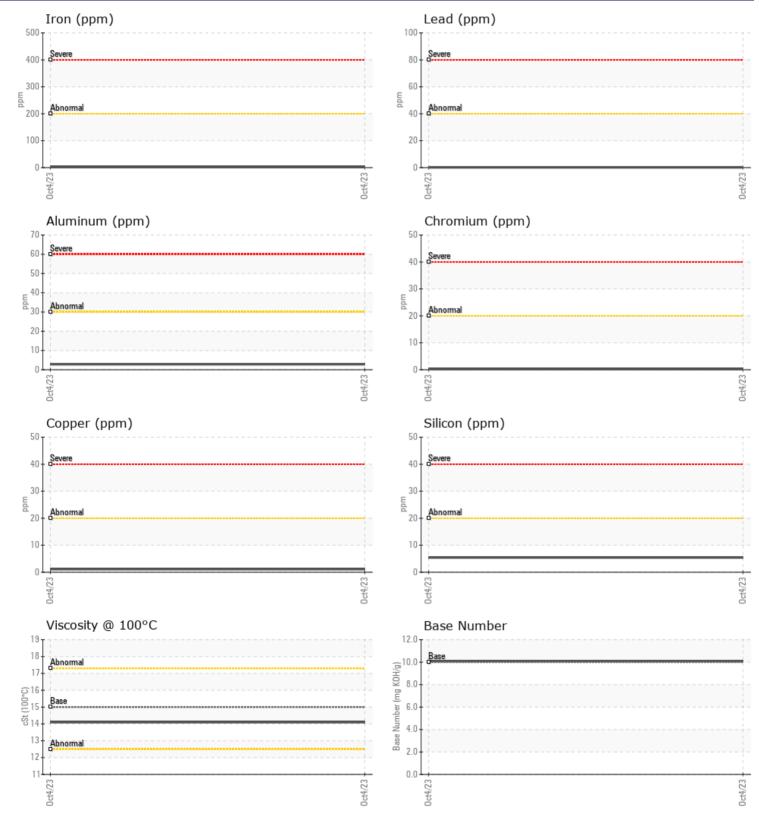
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: BEAR PERONE - GAIKNI