CONSTRUCTION EQUIPMENT

Sample No: VCP449559

12252

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

Job No:

SAMPLE INFORMATIONSample NumberVCP449559---Sample Date08 May 2024---Machine Hours1856---Oil Hours0---Oil ChangedChanged---Sample StatusATTENTION---

 OIL CONDITION

 Visc @ 100°C
 cSt
 10.9
 -- --

 Base Number (BN)
 mg KOH/g
 10.0
 -- --

 Oxidation (PA)
 %
 75
 -- --

CONTAMINATION								
Water	%	NEG						
Soot %	%	0.4						
Nitration (PA)	%	55						
Sulfation (PA)	%	59						
Glycol	%	NEG						
Fuel	%	0.3						
Silicon	ppm	7						
Sodium	ppm	4						
Potassium	ppm	0						

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WEAR I	METALS			
Iron	ppm	17	 	
Copper	ppm	28	 	
Lead	ppm	3	 	
Tin	ppm	 <1	 	
Aluminum	ppm	5	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	43	 	
Nickel	ppm	5	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	∎1	 	
Vanadium	ppm	0	 	

ADDITIVES 1741 Calcium ppm **480** Magnesium ppm Zinc ppm 960 846 Phosphorus ppm Barium 0 🔲 ppm 68 🔲 Boron ppm



HOFFMAN EQUIPMENT - LIONVILLE

120 GORDON DRIVE LIONVILLE, PA US 19341 Contact: JIM FEHR jim.fehr@hoffmanequip.com T: (610)363-9200 F: (610)594-0829

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.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. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO8879

 Unique No:
 11021139

 Signed:
 Don Baldridge

 Report Date:
 15 May 2024

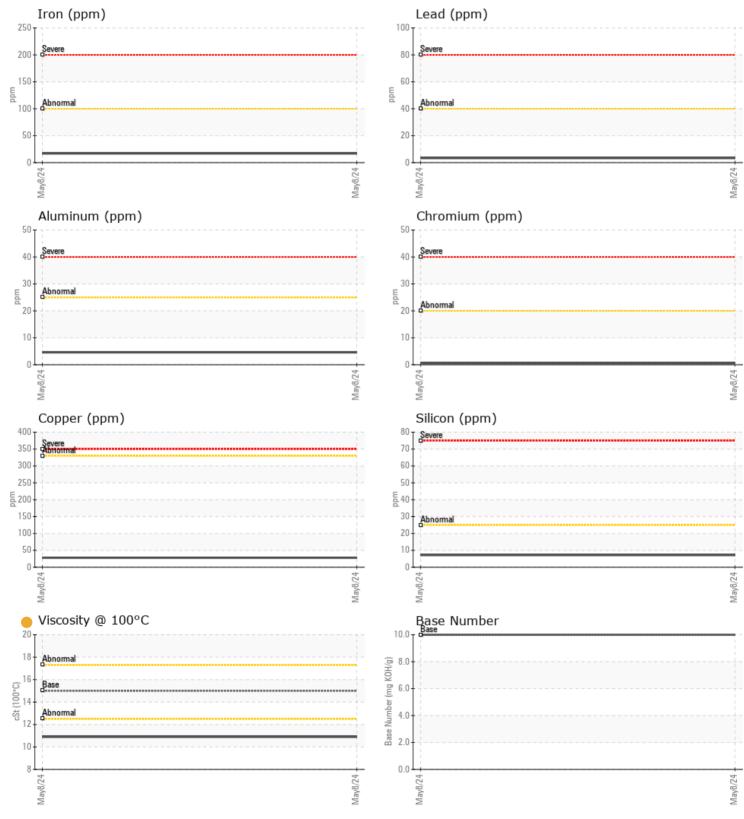
Contact/Location: JIM FEHR - VOLVO8879

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8879 [WUSCAR] 06175086 (Generated: 05/15/2024 18:13:38) Rev: 1

Contact/Location: JIM FEHR - VOLVO8879