CONSTRUCTION EQUIPMENT 5030HS JVH TAKEUCHI TL8R2 408000087 - DIESEL ENGINE

Sample No: VCP415392 **Oil Type: DIESEL ENGINE OIL SAE 40** Job No: 5030HS JVH

SAMPLE INFORMATION

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VOLVO

Sample Number		VCP415392	
Sample Date		15 Dec 2023	
Machine Hours		960	
Oil Hours		50	
Oil Changed		Not Changd	
Sample Status		NORMAL	
OIL CONDITIO	DN		
Visc @ 100°C	St	13.1	
Base Number (BN)	ng KOH/g	9.7	
	%	56	
CONTAMINA	TION		 -
Water	/_	NEG	

Water	%	NEG	 	
Soot %	%	0.4	 	
Nitration (PA)	%	56	 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	1 3	 	
Sodium	ppm	3	 	
Potassium	ppm	0	 	

WEAR METALS

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Iron	ppm	15	 	
Copper	ppm	8	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	44	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

ADDITIVES 1337 Calcium ppm Magnesium 776 ppm Zinc ppm 1106 858 Phosphorus ppm Barium 2 ppm 5 Boron ppm



HIGHWAY EQUIPMENT & SUPPLY CO MAIN

PO BOX 1957 HARRISBURG, PA US 17105 Contact: BRIAN LANDERER blanderer@hwyequip.com T: (717)564-3031 F: (717)564-3568

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) **DIESEL ENGINE OIL SAE 40. Please** confirm.

Metal levels are typical for a new component breaking in. 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.

Depot: VOLVO0025 Unique No: 10805143 Signed: Wes Davis Report Date: 27 Dec 2023

Report Id: VOLVO0025 [WUSCAR] 06044535 (Generated: 12/27/2023 11:44:04) Rev: 1

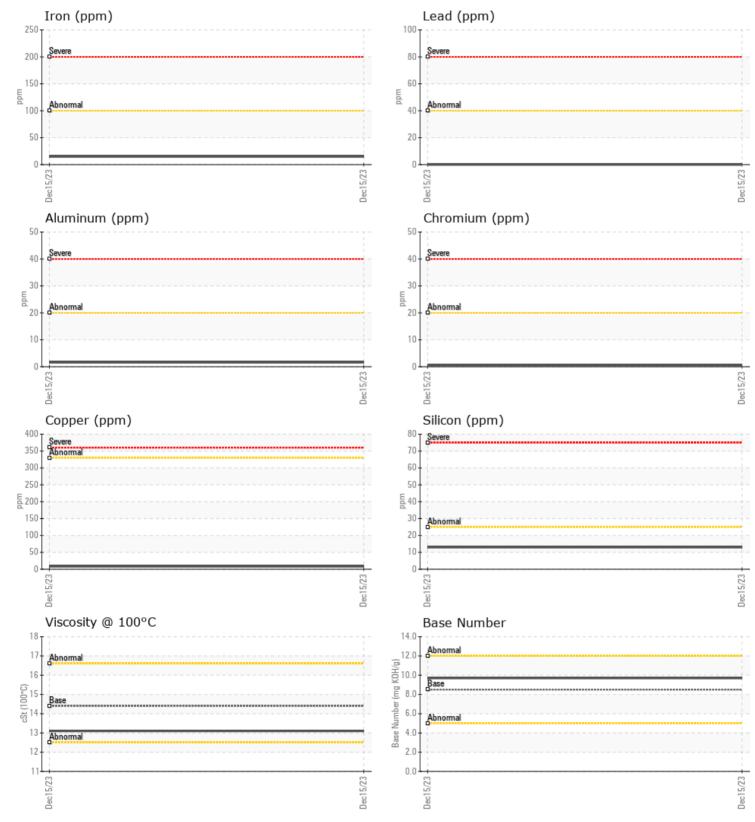
Contact/Location: BRIAN LANDERER - VOLVO0025

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0025 [WUSCAR] 06044535 (Generated: 12/27/2023 11:44:06) Rev: 1

Contact/Location: BRIAN LANDERER - VOLVO0025