

CONSTRUCTION EQUIPMENT 352598 - DIESEL ENGINE

Sample No: VCP394992

Oil Type:	DIESEL ENGINE OIL SAE 40
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Job No:

SAMPLE	INFORMATIO	N			
Sample Number		VCP394992			
Sample Date		31 Aug 2023			
Machine Hours		2895			
Oil Hours		0			
Oil Changed		Changed			
Sample Status		MARGINAL			
OIL CON	DITION				
Visc @ 100°C	cSt	12.6			
Oxidation (PA)	%	76			
CONTAMINATION					
Soot %	%	0.2			
Nitration (PA)	%	58			
Sulfation (PA)	%	64			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	6			
Sodium	ppm	2			
Potassium	ppm	0			
VOLVO					

🎾 WEAR METALS

WEAR I	METAL3			
Iron	ppm	7	 	
Copper	ppm	1	 	
Lead	ppm	■ <1	 	
Tin	ppm	■<1	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	40	 	
Nickel	ppm	<u> </u>	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	

VOLVO

Calcium	ppm	1597			
Magnesium	ppm	537			
Zinc	ppm	902			
Phosphorus	ppm	825			
Barium	ppm	0			
Boron	ppm	4 3			



GREAT WEST EQUIPMENT

1600 KOSMINA ROAD, 123 L&A CROSS RD VERNON, BC CA V1T 8T2 Contact: Garry Beach gbeach@gwequipment.com T: (250)549-4232 F: (250)549-3397

Diagnosis

We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.Nickel ppm levels are marginal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 MARVER

 Unique No:
 5632989

 Signed:
 Kevin Marson

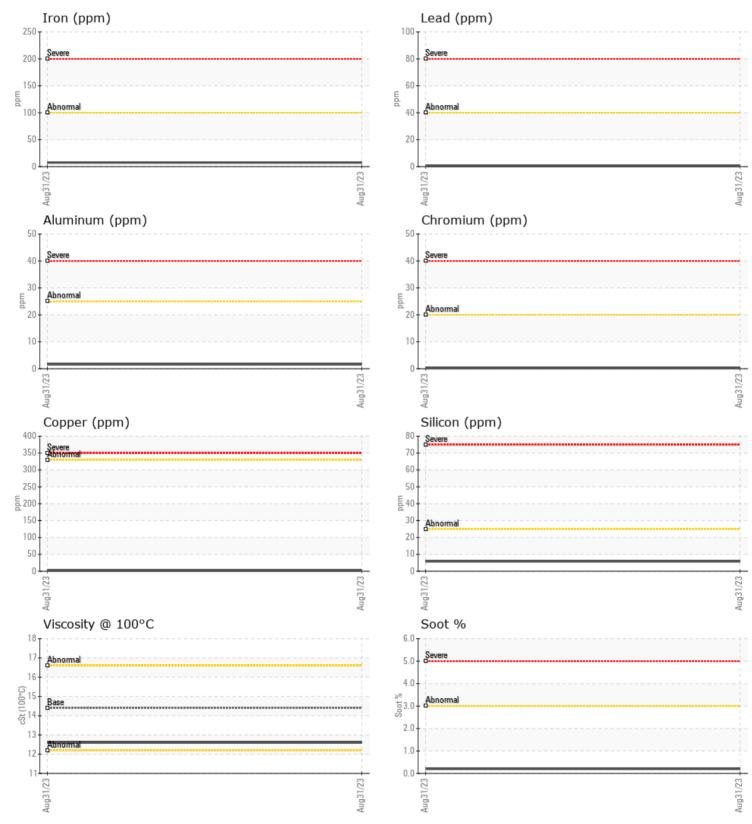
 Report Date:
 01 Sep 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: MARVER [WCAMIS] 02579929 (Generated: 09/01/2023 16:05:41) Rev: 1

Contact/Location: Garry Beach - MARVER