OIL ANALYSIS REPORT

MCCLOSKEY 903248 - VARIABLE SPEED - DIESEL ENGINE

Sample No: VPA054053

Oil Type: DIESEL ENGINE OIL SAE 40

Sample Number		VPA054053	 	
Sample Date		17 Apr 2024	 	
Machine Hours		1937	 	
Oil Hours		300	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.2	 	
Base Number (BN)	mg KOH/g	7.7	 	
Oxidation (PA)	%	67	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	12	 	
Sodium	ppm	3	 	
Potassium	ppm	4	 	
WEAR METALS				
Iron	ppm	3	 	
Copper	ppm	0	 	
Lead	ppm	0	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	1	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	21	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	2250	 	
Magnesium	ppm	133	 	
Zinc	ppm	1164	 	
Phosphorus	ppm	994	 	
Barium	ppm	0	 	
Boron	ppm	201	 	

VOLVO PENTA

MCCOURT & SONS EQUIPMENT INC

5141 HWY 71 W LA GRANGE, TX US 78945 Contact: WAYNE BESEDA wklesel@mccourtandsons.com T: (979)242-5298 F:

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 suitable for further service.

 Depot:
 VP1121775

 Unique No:
 10992750

 Signed:
 Jonathan Hester

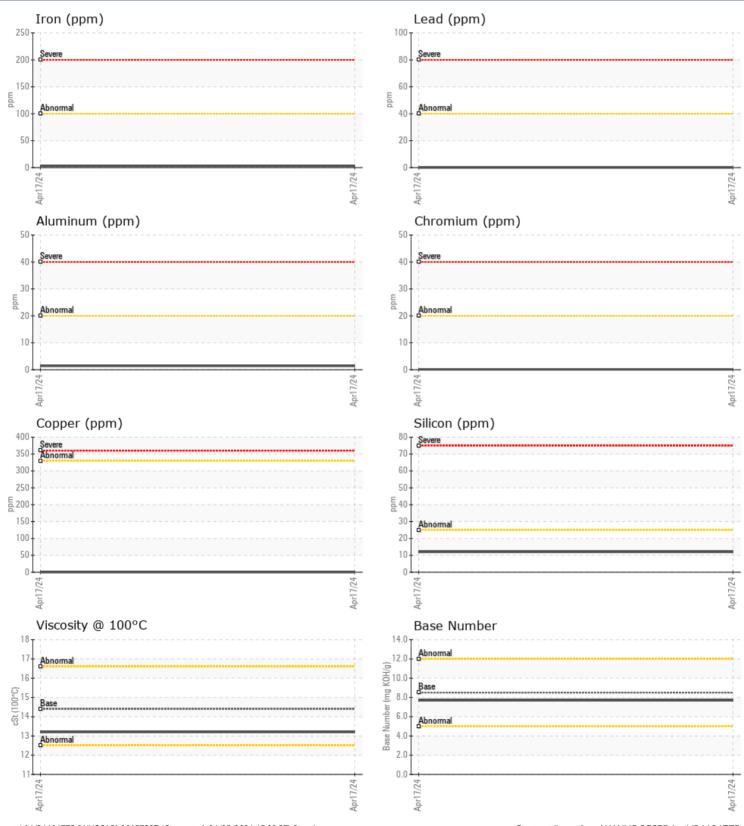
 Report Date:
 25 Apr 2024

Contact/Location: WAYNE BESEDA - VP1121775

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1121775 [WUSCAR] 06157327 (Generated: 04/25/2024 15:23:27) Rev: 1

Contact/Location: WAYNE BESEDA - VP1121775