OIL ANALYSIS REPORT

ONAN E180352985 - GENSET

Sample No: VPA036569

Oil Type: DIESEL ENGINE OIL SAE 15W40

Sample Number		VPA036569	 	
Sample Date		20 Feb 2024	 	
Machine Hours		686	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.35	 	
Base Number (BN)	mg KOH/g	9.7	 	
Oxidation (PA)	%	55	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	40	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	3	 	
Sodium	ppm	0	 	
Potassium	ppm	3	 	
WEAR METALS				
Iron	ppm	_ <1	 	
Copper	ppm	0	 	
Lead	ppm	0	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	48	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	1060	 	
Magnesium	ppm	802	 	
Zinc	ppm	1230	 	
Phosphorus	ppm	1042	 	
Barium	ppm	0	 	
Boron	ppm	24	 	



SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6 SARASOTA, FL US 34240 Contact: SERVICE MANAGER info@suncoastdmi.com T: (941)342-0033 F:

Diagnosis

No corrective action is recommended at this time. 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:
 VP705283

 Unique No:
 10888836

 Signed:
 Doug Bogart

 Report Date:
 21 Feb 2024

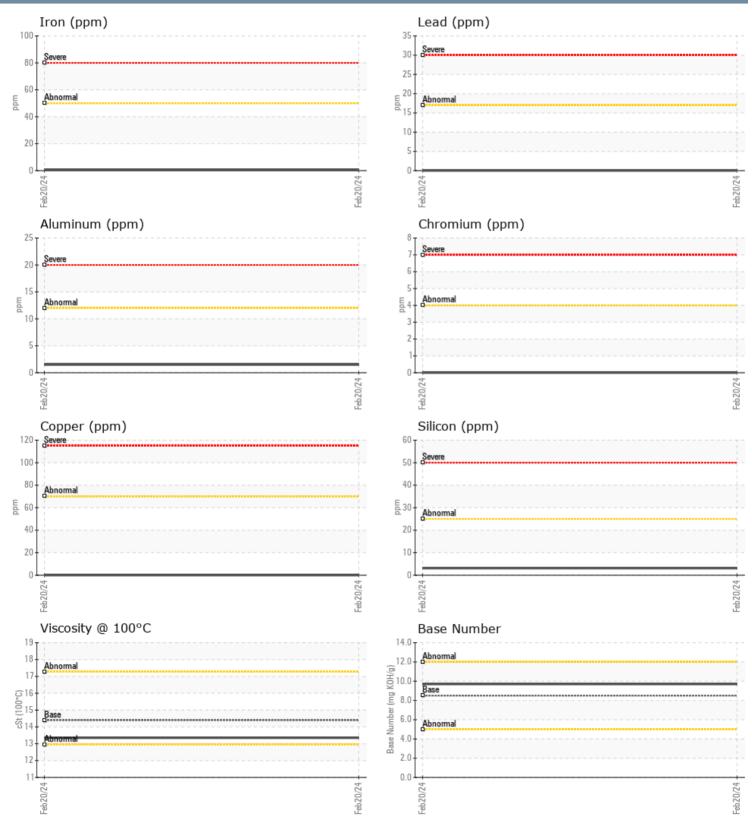
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Contact/Location: SERVICE MANAGER - VP705283

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP705283 [WUSCAR] 06095983 (Generated: 02/21/2024 15:14:42) Rev: 1

Contact/Location: SERVICE MANAGER - VP705283