OIL ANALYSIS REPORT

- GENSET

Sample No: VPA036420 Oil Type: DIESEL ENGI

DIESEL ENGINE OIL SAE 30

Sample Number		VPA036420	 	
Sample Date		16 May 2024	 	
Machine Hours		23	 	
Oil Hours		23	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.2	 	
Base Number (BN)	mg KOH/g	9.0	 	
Oxidation (PA)	%	31	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	48	 	
Sulfation (PA)	%	38	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	418	 	
Sodium	ppm	2	 	
Potassium	ppm	0	 	
WEAR METALS				
Iron	ppm	1 6	 	
Copper	ppm	12	 	
Lead	ppm	■ <1	 	
Tin	ppm	1	 	
Aluminum	ppm	7	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	50	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1323	 	
Magnesium	ppm	1064	 	
Zinc	ppm	1163	 	
Phosphorus	ppm	981	 	
Barium	ppm	1	 	
Boron	ppm	78	 	



Quality Boats of Clearwater

235 Windward Passage, 235 Windward Passage CLEARWATER, FL US 33767 Contact: Parker Rabe danbair@qualityboatsales.com T:

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Elemental level of silicon (Si) above normal indicating ingress of seal material. 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:
 VP155345

 Unique No:
 11042519

 Signed:
 Jonathan Hester

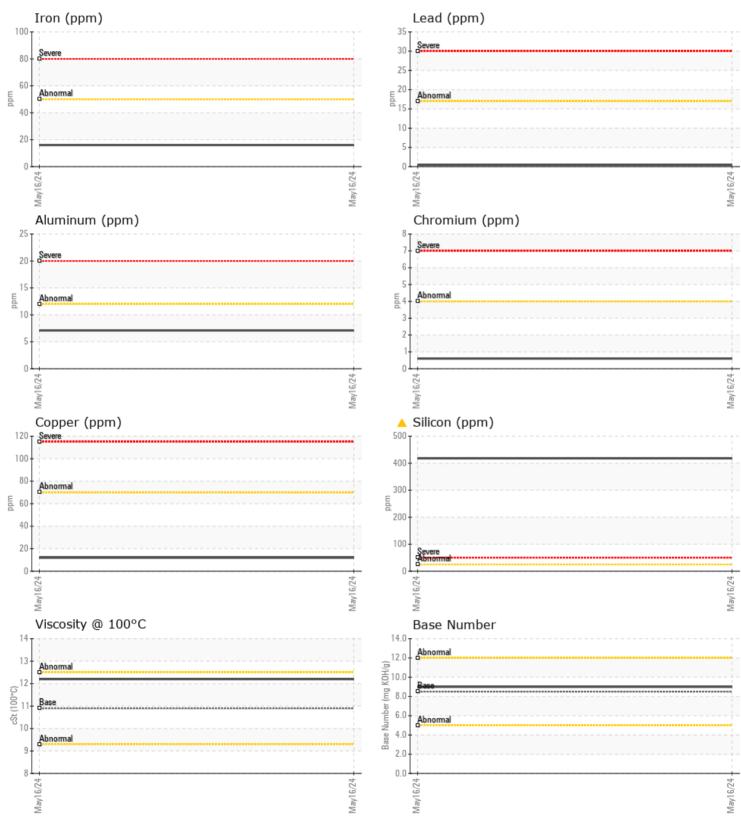
 Report Date:
 23 May 2024

Contact/Location: Parker Rabe - VP155345

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP155345 [WUSCAR] 06185767 (Generated: 05/29/2024 15:23:02) Rev: 1

Contact/Location: Parker Rabe - VP155345