OIL ANALYSIS REPORT

BRIAN BREMAN TOM ONAN/CUMMINS D150813837 - GENSET

Sample No: VPA036579

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA036579	 	
Sample Date		10 Jan 2024	 	
Machine Hours		614	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
	<i>a</i> :			
Visc @ 100°C	cSt	▲ 12.1	 	
Base Number (BN)	5 . 5	9.6	 	
Oxidation (PA)	%	55	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	50	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	2.8	 	
Silicon	ppm	1 9	 	
Sodium	ppm	3	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	1 1	 	
Copper	ppm	6	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	□- □<1	 	
Molybdenum	ppm	57	 	
Nickel	ppm	0	 	
Titanium	ppm	6	 	
Silver	ppm	0	 	
Manganese	ppm	□ <1	 	
Vanadium	ppm	0	 	
ADDITIVES		- 400-		
Calcium	ppm	1225	 	
Magnesium	ppm	928	 	
Zinc	ppm	1229	 	
Phosphorus	ppm	1051	 	
Barium Boron	ppm	0	 	
Voron	ppm	2	 	



ADMIRALTY MARINE 2775 KURTZ ST, STE 12 SAN DIEGO, CA US 92110 Contact: Terry Albee TALBEE@ADMIRALTYMARINE.NET

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Light fuel dilution occurring. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

 Depot:
 VP15

 Unique No:
 1083

 Signed:
 Jonat

 Report Date:
 18 Ja

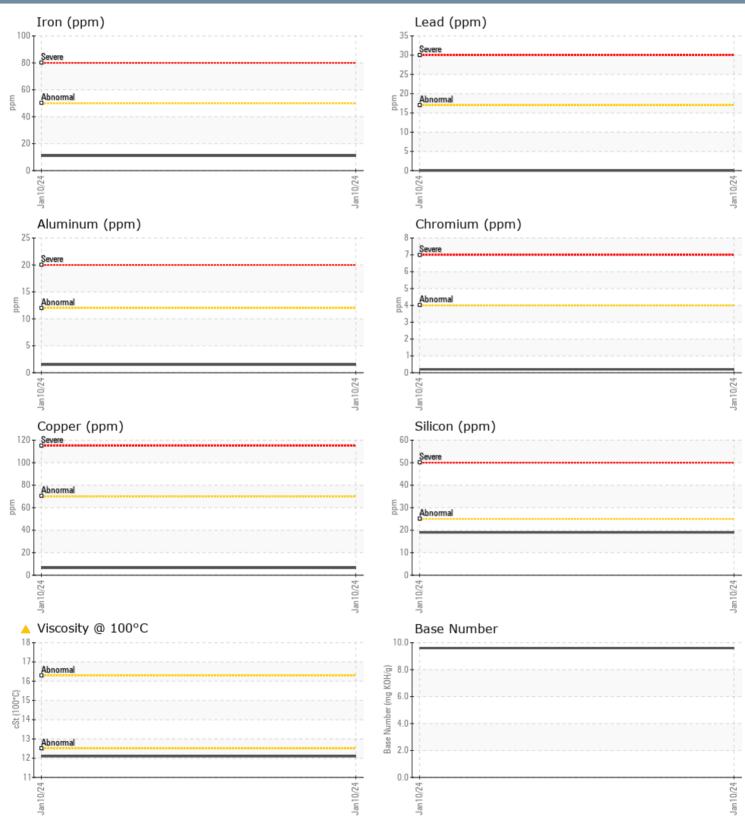
VP151529 10831288 Jonathan Hester 18 Jan 2024

Contact/Location: Terry Albee - VP151529

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP151529 [WUSCAR] 06059906 (Generated: 01/18/2024 12:07:38) Rev: 1

Contact/Location: Terry Albee - VP151529