OIL ANALYSIS REPORT

VOLVO PENTA

NORTHERN LIGHTS 7732-57069 - GENSET

Sample No: VPA059574

Oil Type: DIESEL ENGINE OIL SAE 40

Sample Number		VPA059574	 	
Sample Date		22 Jan 2024	 	
Machine Hours		812	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		ATTENTION	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.3	 	
Base Number (BN)	mg KOH/g	5.8	 	
Oxidation (PA)	%	28	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	39	 	
Sulfation (PA)	%	40	 	
Glycol	%	NEG	 	
Fuel	%	0.8	 	
Silicon	ppm	6	 	
Sodium	ppm	1	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	5	 	
Copper	ppm	 <1	 	
Lead	ppm	0	 	
Tin	ppm	 <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	39	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1208	 	
Magnesium	ppm	321	 	
Zinc	ppm	696	 	
Phosphorus	ppm	625	 	
mosphoras				
Barium	ppm	0	 	

Marine International Diesels Inc.

3600 HACIENDA BLVD UNIT G DAVIE, FL US 33314 Contact: JEF BURKE midijef@gmail.com;canastasio@wearcheckusa.com T: F:

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VP694356

 Unique No:
 10846507

 Signed:
 Don Baldridge

 Report Date:
 26 Jan 2024

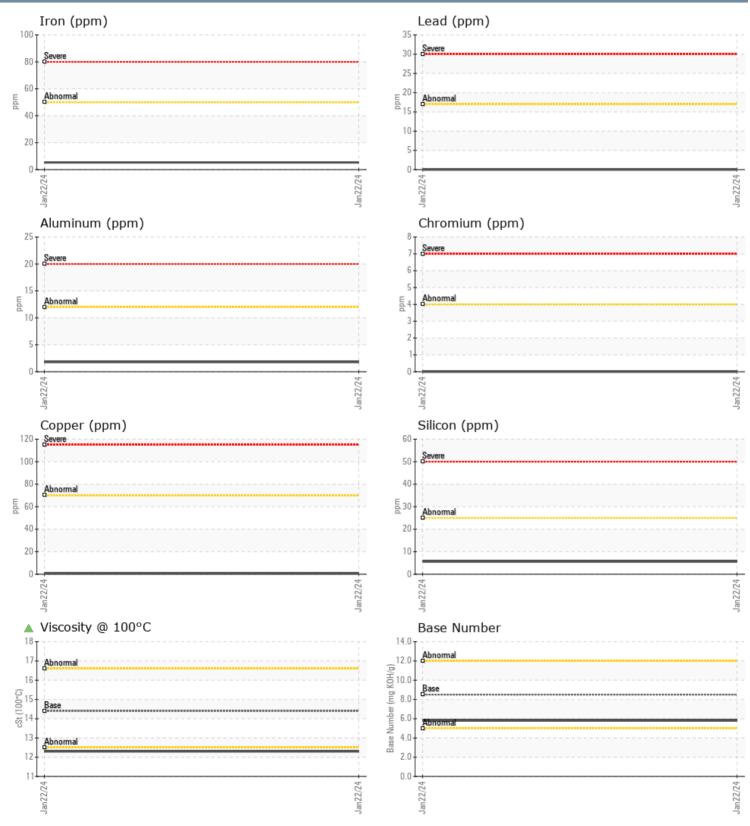
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Contact/Location: JEF BURKE - VP694356

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GRAPHS



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Contact/Location: JEF BURKE - VP694356