OIL ANALYSIS REPORT

DIAMOND KOHLER SGM329R4B - GENSET

Sample No: VPA045908

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA045908	VPA042001	
Sample Date		24 Oct 2023	02 Sep 2022	
Machine Hours		676	561	
Oil Hours		0	0	
Oil Changed		N/A	0 N/A	
5		NORMAL	NORMAL	
Sample Status		NURIVIAL	NORIVIAL	
OIL CONDITION				
Visc @ 100°C	cSt	13.6	14.4	
Base Number (BN)	mg KOH/g	8.8	10.0	
Oxidation (PA)	%	59	66	
Oxidation (FA)	70		00	
CONTAMINATION				
Soot %	%	0	0.1	
Nitration (PA)	%	39	49	
Sulfation (PA)	%	57	58	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	1 0	5	
Sodium	ppm	2	1	
Potassium	ppm	5	4	
WEAR METALS				
Iron	ppm	4	2	
Copper	ppm	0	<1	
Lead	ppm	 <1	<1	
Tin	ppm		<1	
Aluminum	ppm	■ <1	1	
Chromium	ppm	0	0	
Molybdenum	ppm	13	17	
Nickel	ppm	0	<1	
Titanium	ppm	0	0	
Silver	ppm	0	<1	
Manganese	ppm	<1	□ <1	
Vanadium	ppm	0	<1	
	- Film			
ADDITIVES				
Calcium	ppm	1650	1636	
Magnesium	ppm	71	282	
Zinc	ppm	932	1074	
Phosphorus	ppm	981	875	
Barium	ppm	0	0	
Boron	ppm	178	159	



MAKO MARINE

117 HUDSON AVE FREEPORT, NY US 11520 Contact: PAUL FLOOD makomarine@optonline.net T: (516)378-7331 F: x:

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:
 VP1134331

 Unique No:
 10714091

 Signed:
 Don Baldridge

 Report Date:
 30 Oct 2023

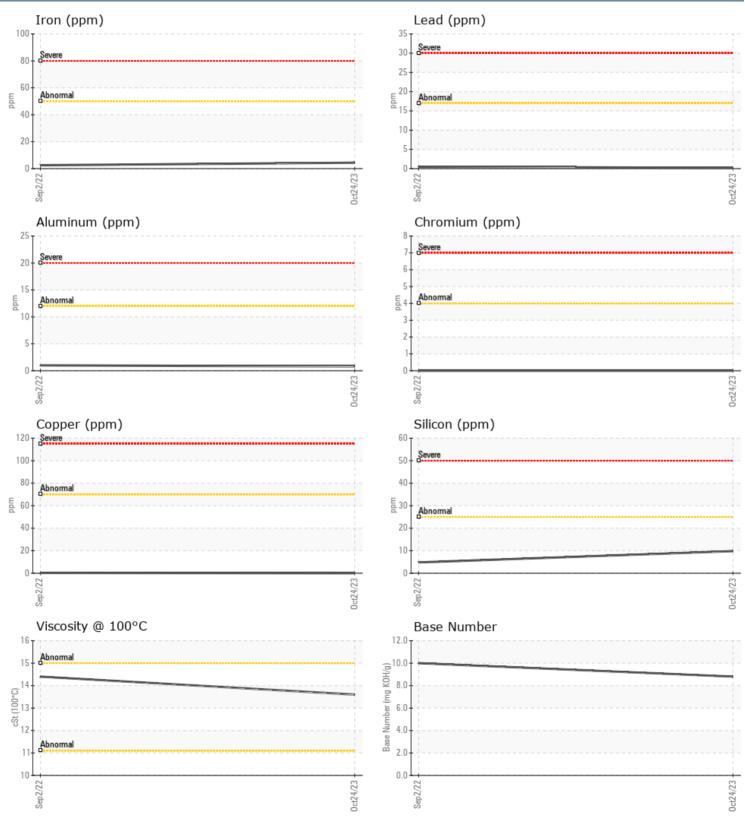
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Contact/Location: PAUL FLOOD - VP1134331

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GRAPHS



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