OIL ANALYSIS REPORT

HORIZON YACHT CHARTERS 14331/14256 CUMMINS K160120512 - GENSET

Sample No: VPA055074

Oil Type: VOLVO

SAMPLE INFORMATION

Sample Number		VPA055074	 	
Sample Date		19 Jul 2023	 	
Machine Hours		1251	 	
Oil Hours		1251	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.1	 	
Base Number (BN)	mg KOH/g	8.6	 	
Oxidation (PA)	%	72	 	
CONTAMINATION				
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	69	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	12	 	
Sodium	ppm	3	 	
Potassium	ppm	3	 	

WEAR METALS

Iron	ppm	1 3	 	
Copper	ppm	2	 	
Lead	ppm	■ <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	 <1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	36	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1411	 	
Magnesium	ppm	597	 	
Zinc	ppm	935	 	
Phosphorus	ppm	747	 	
Barium	ppm	0	 	
Boron	ppm	61	 	

PARTS & POWER

PO BOX 1305498, PMB1000-00 ST THOMAS, VI US 00803 Contact: KARIM PERSAUD info@partsandpower.com T: (284)494-2830 F:

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 acceptable for the time in service.

 Depot:
 VP981217

 Unique No:
 10589921

 Signed:
 Sean Felton

 Report Date:
 09 Aug 2023

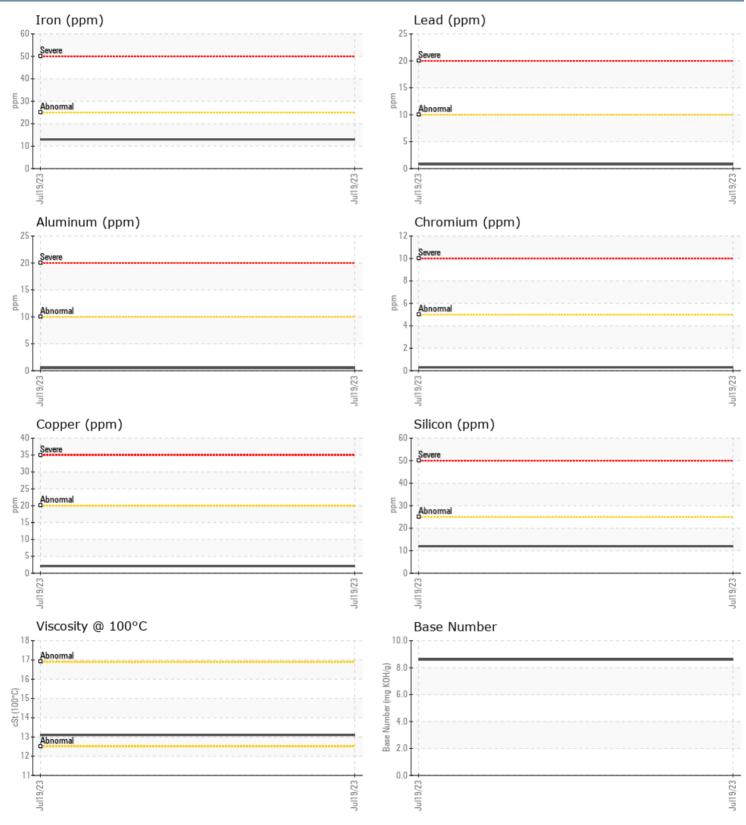
Contact/Location: KARIM PERSAUD - VP981217



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP981217 [WUSCAR] 05918007 (Generated: 08/09/2023 09:40:24) Rev: 1

Contact/Location: KARIM PERSAUD - VP981217