OIL ANALYSIS REPORT

VOLVO PENTA

MARLENE A130440062 - GENSET

Sample No: VPA060759

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMAT	ION				
Sample Number		VPA060759	VPA044198		
Sample Date		08 Dec 2023	27 Dec 2022		
Machine Hours		91	73		
Oil Hours		18	10		
Oil Changed		Changed	Changed		
Sample Status		NORMAL	NORMAL		
			HORINI LE	_	_
OIL CONDITION					
Visc @ 100°C	cSt	12.9	12.8		
Base Number (BN)	mg KOH/g	7.3	8.3		
Oxidation (PA)	%	67	67		
CONTAMINATION					
Water	%	NEG	NEG		
Soot %	%	0.1	0.1		
Nitration (PA)	%	43	47		
Sulfation (PA)	%	56	56		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	<1.0		
Silicon	ppm	4	4		
Sodium	ppm	1	2		
Potassium	ppm	8	6		
WEAR METALS					
Iron	ppm	2	6		
Copper	ppm	0	<1		
Lead	ppm	0	<1		
Tin	ppm	 <1	<1		
Aluminum	ppm	2	2		
Chromium	ppm	0	<1		
Molybdenum	ppm	0	□ <1		
Nickel	ppm	 <1	0		
Titanium	ppm	0	0		
Silver	ppm	 <1	0		
Manganese	ppm	 <1	 < 1		
Vanadium	ppm	<1	0		
ADDITIVES					
Calcium	ppm	1988	2095		
Magnesium	ppm	16	13		
Zinc	ppm	🔲 1099	1039		
Phosphorus	ppm	964	909		
Barium	ppm	0	0		
Boron	ppm	197	192		

The Talaria Company

202 Banks St., One Little Harbor Landing OXFORD, MD US 21654 Contact: TRACY PELLERIN tpellerin@hinckleyyachts.com T: (410)770-4899 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 acceptable for the time in service.

 Depot:
 VP592286

 Unique No:
 10794171

 Signed:
 Sean Felton

 Report Date:
 20 Dec 2023

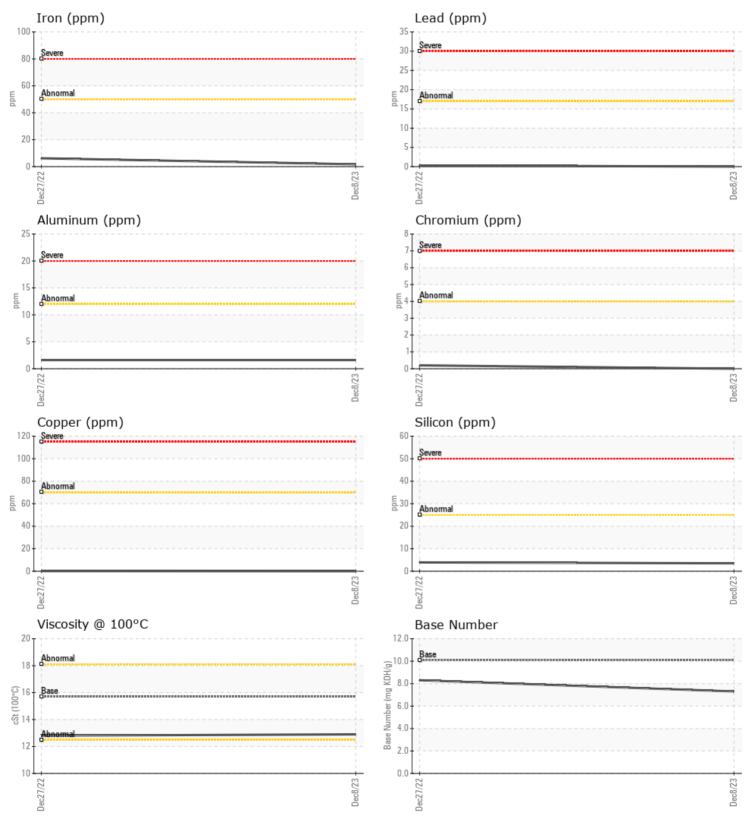
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Contact/Location: TRACY PELLERIN - VP592286

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GRAPHS



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