OIL ANALYSIS REPORT

VOLVO PENTA

JERRY KRUSINSKI CUMMINS 2130022 - GENSET

Sample No: VPA055466

Oil Type: SHELL ROTELLA T 15W40

Sample Number		VPA055466	VPA045073	
Sample Date		24 Oct 2023	30 Sep 2022	
Machine Hours		0	326	
Oil Hours		0	0	
Oil Changed		N/A	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDITION				
Visc @ 100°C	cSt	13.9	13.8	
Base Number (BN)	mg KOH/g	8.4	9.3	
Oxidation (PA)	%	67	75	
CONTAMINATION				
Soot %	%	0	0.1	
Nitration (PA)	%	48	62	
Sulfation (PA)	%	56	60	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	3	2	
Sodium	ppm	3	2	
Potassium	ppm	5	7	
WEAR METALS				
Iron	ppm	 <1	0	
Copper	ppm	 <1	2	
Lead	ppm	0	0	
Tin	ppm	0	0	
Aluminum	ppm	 <1	 < 1	
Chromium	ppm	0	 <1	
Molybdenum	ppm	 <1	11	
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	 <1	0	
Vanadium	ppm	0	0	
ADDITIVES				
Calcium	ppm	2035	1973	
Magnesium	ppm	57	178	
Zinc	ppm	1152	1079	
Phosphorus	ppm	853	925	
Barium Boron	ppm ppm	□ 0 □ 179	□ <1 □ 153	

BAY MARINE

3 E MADISON ST WAUKEGAN, IL US 60085 Contact: NANCY FELHOFER NANCY.FELHOFER@BAYMARINE.NET T: 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:
 VP1174336

 Unique No:
 10711568

 Signed:
 Sean Felton

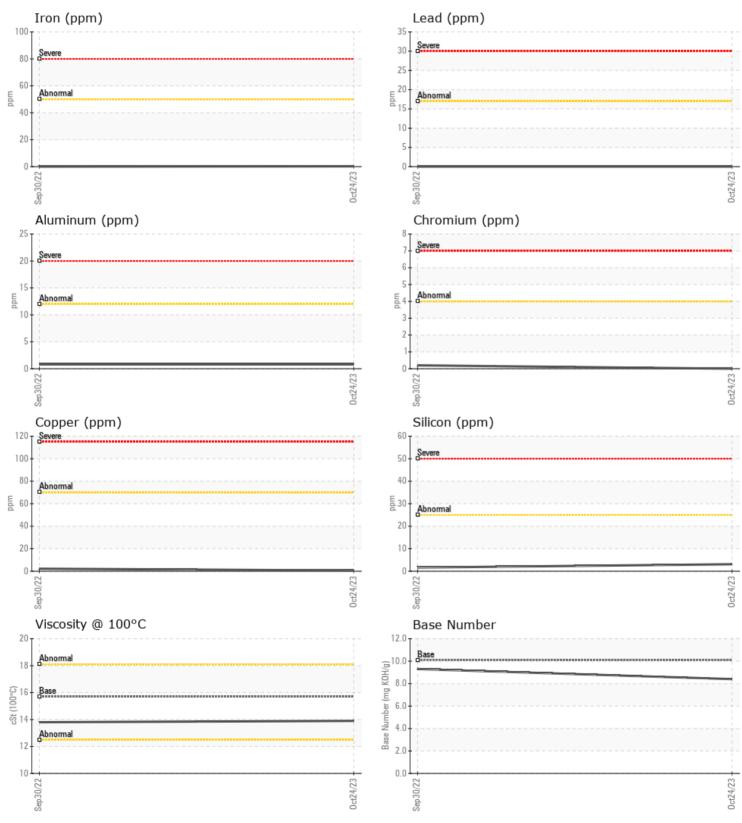
 Report Date:
 27 Oct 2023

Contact/Location: NANCY FELHOFER - VP1174336

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GRAPHS



Report Id: VP1174336 [WUSCAR] 05988906 (Generated: 10/28/2023 02:34:31) Rev: 1

Contact/Location: NANCY FELHOFER - VP1174336