OIL ANALYSIS REPORT

ANDREW SANCHEZ TOM NORTHERN LIGHT 8442-29129C - GENSET

Sample No: VPA061884

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA061884	 	
Sample Date		05 Apr 2024	 	
Machine Hours		590	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.4	 	
Base Number (BN)	mg KOH/g	8.4	 	
Oxidation (PA)	%	50	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	■ 0.1	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	47	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	3	 	
Sodium	ppm	1 4	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	5	 	
Copper	ppm	1	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	□ <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	2	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
/anadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1363	 	
Magnesium	ppm	695	 	
Zinc	ppm	813	 	
Phosphorus	ppm	711	 	
Barium	ppm	0	 	
Boron	ppm	101	 	

DMIRALTY MARINE

75 KURTZ ST, STE 12 AN DIEGO, CA S 92110 ontact: Terry Albee ALBEE@ADMIRALTYMARINE.NET

iagnosis

esample at the next service interval o monitor.Metal levels are typical for new component breaking in. There no indication of any contamination n the oil. The BN result indicates that here is suitable alkalinity remaining n the oil. The condition of the oil is cceptable for the time in service.

Signed:

Report Date:

VP151529

10965782

Sean Felton

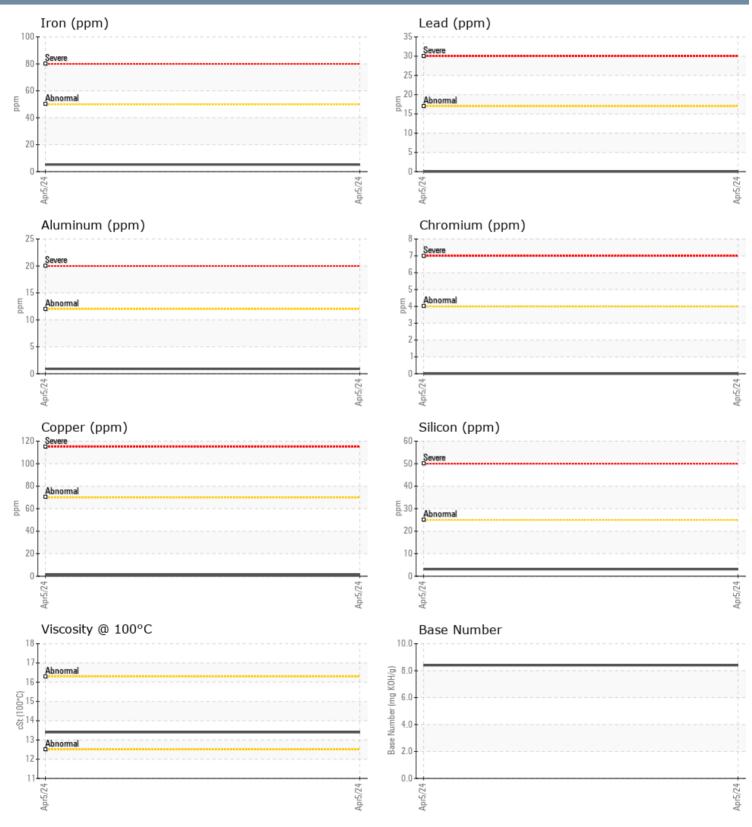
10 Apr 2024



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP151529 [WUSCAR] 06140974 (Generated: 04/10/2024 11:56:33) Rev: 1

Contact/Location: Terry Albee - VP151529 Page 2 of 2