## **OIL ANALYSIS REPORT**



### MOSHE BEGIMK ONAN L130605144 - GENSET

Sample No: VPA051160

Oil Type: VOLVO PENTA SAE 15W40

Sample Number		VPA051160	VPA031855	 
Sample Date		08 Jan 2024	11 Aug 2020	 
Machine Hours		344	0	 
Oil Hours		0	0	 
Oil Changed		Not Changd	Not Changd	 
Sample Status		MARGINAL	NORMAL	 
OIL CONDITION				
Visc @ 100°C	cSt	<b>12.3</b>	12.5	 
Base Number (BN)	mg KOH/g	8.6		 
Oxidation (PA)	%	63	65	 
CONTAMINATION				
Water	%	NEG	NEG	 
Soot %	%	<b>0.1</b>	0.1	 
Nitration (PA)	%	49	64	 
Sulfation (PA)	%	52	54	 
Glycol	%	NEG	NEG	 
Fuel	%	■1.4	< 1.0	 
Silicon	ppm	7	18	 
Sodium	ppm	<b>■</b> <1	4	 
Potassium	ppm	2	1	 
WEAR METALS				
Iron	ppm	5	10	 
Copper	ppm	<b>1</b>	2	 
Lead	ppm	0	<b></b> < 1	 
Tin	ppm	<b>■</b> <1	<1	 
Aluminum	ppm	3	4	 
Chromium	ppm	<b>  </b> <1	□ <1	 
Molybdenum	ppm	52	66	 
Nickel	ppm	0	□ <1	 
Titanium	ppm	<1	<b></b> < 1	 
Silver	ppm	0	0	 
Manganese	ppm	0	<1	 
Vanadium	ppm	0	0	 
ADDITIVES				
Calcium	ppm	917	1244	 
Magnesium	ppm	821	947	 
Zinc	ppm	<b>1056</b>	1096	 
Phosphorus	ppm	<b>1034</b>	1017	 
Barium	ppm	0	0	 
Boron	ppm	8	67	 

#### ADMIRALTY MARINE

2775 KURTZ ST, STE 12 SAN DIEGO, CA US 92110 Contact: Terry Albee TALBEE@ADMIRALTYMARINE.NET T: F:

#### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil.

 Depot:
 VP151529

 Unique No:
 10821653

 Signed:
 Jonathan Hester

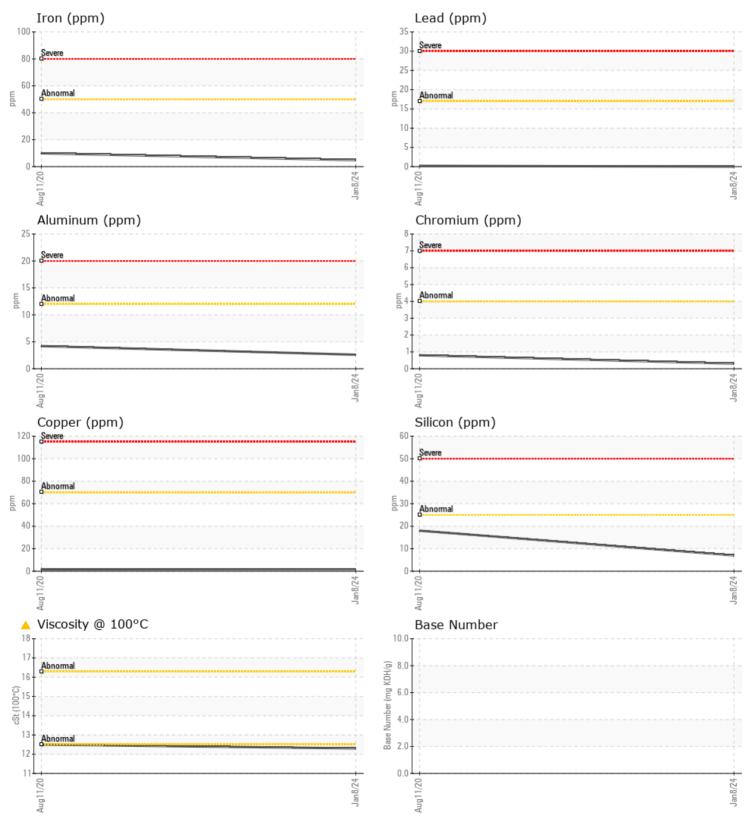
 Report Date:
 11 Jan 2024

Contact/Location: Terry Albee - VP151529

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#### GRAPHS



Report Id: VP151529 [WUSCAR] 06055704 (Generated: 01/11/2024 09:33:15) Rev: 1

Contact/Location: Terry Albee - VP151529