OIL ANALYSIS REPORT

VOLVO PENTA

AOS KOHLER 33G6GMLD0005 - PORT GENSET

Sample No: VPA051245

Oil Type: KOHLER 5W40 SYNTHETIC

Sample Number		VPA051245	VPA051059	
Sample Date		17 May 2024	25 Mar 2024	
Machine Hours		898	306	
Oil Hours		285	306	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	ATTENTION	
OIL CONDITION				
Visc @ 100°C	cSt	14.0	10.0	
Base Number (BN)	mg KOH/g	7.7	9.9	
Oxidation (PA)	%	53	63	
CONTAMINATION				
Water	%	NEG	NEG	
Soot %	%	0.1	0.1	
Nitration (PA)	%	57	61	
Sulfation (PA)	%	50	57	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	0.2	
Silicon	ppm	5	13	
Sodium	ppm	3	3	
Potassium	ppm	2	3	
WEAR METALS				
Iron	ppm	8	23	
Copper	ppm	■ <1	8	
Lead	ppm	1	3	
Tin	ppm	□ <1	1	
Aluminum	ppm	 <1	6	
Chromium	ppm	 <1	<1	
Molybdenum	ppm	3	271	
Nickel	ppm	 <1	 <1	
Titanium	ppm	<1	<1	
Silver	ppm	 <1	 <1	
Manganese	ppm	<1	3	
Vanadium	ppm	<1	<1	
ADDITIVES				
Calcium	ppm	1424	1420	
Magnesium	ppm	700	832	
Zinc	ppm	1231	1060	
Phosphorus	ppm	1041	891	
Barium	ppm	0	3	
Boron	ppm	162	277	

Power Products Systems LLC

90 Bay State Road WAKEFIELD, MA US 01880 Contact: ERIC JELLISON ejellison@nedda.com T: (781)831-8924 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:
 VP153550

 Unique No:
 11044173

 Signed:
 Don Baldridge

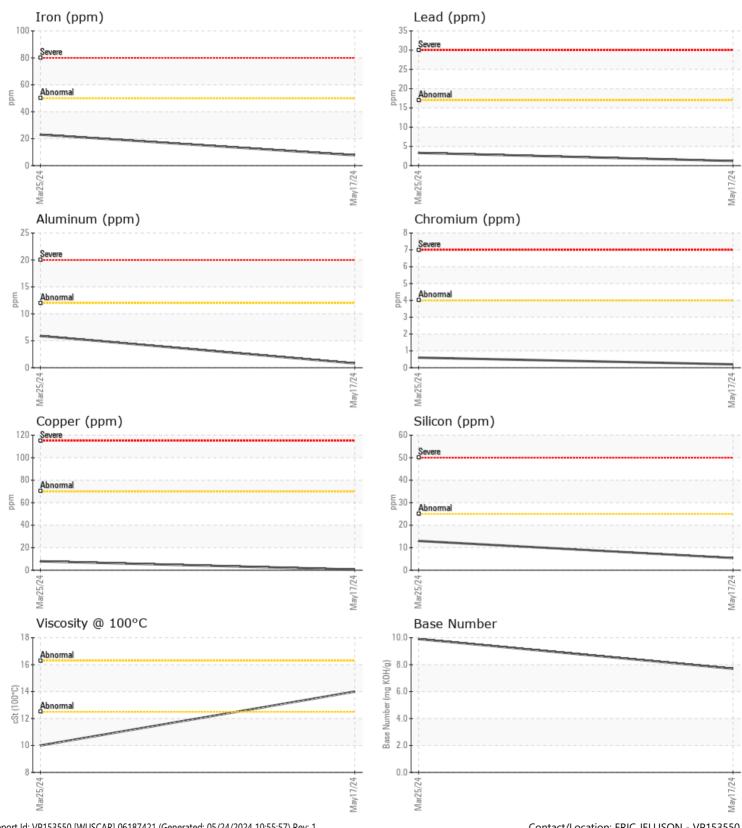
 Report Date:
 24 May 2024

Contact/Location: ERIC JELLISON - VP153550

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153550 [WUSCAR] 06187421 (Generated: 05/24/2024 10:55:57) Rev: 1

Contact/Location: ERIC JELLISON - VP153550