OIL ANALYSIS REPORT

465197 VOLVO PENTA NOT GIVEN VPA056499 - PORT DIESEL ENGINE

Sample No: VPA056499

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA056499	 	
Sample Date		25 Jul 2023	 	
Machine Hours		969	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.3	 	
Base Number (BN) mg KOH/g	10.0	 	
Oxidation (PA)	%	56	 	
CONTRAMINATION				
CONTAMINATION				
Soot %	%	0.2	 	
Nitration (PA)	%	49	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	0	 	
Potassium	ppm	0	 	

WEAR METALS

Iron	ppm	4	 	
Copper	ppm	0	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	 <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	57	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1043	 	
Magnesium	ppm	948	 	
Zinc	ppm	1281	 	
Phosphorus	ppm	1039	 	
Barium	ppm	0	 	
Boron	ppm	3	 	

Skipper Bud's

215 North Point Drive, 215 North Point Drive WINTHROP HARBOR, IL US 60096 Contact: Jim Radsek jradsek@skipperbuds.com T:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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:
 VP211714

 Unique No:
 10574153

 Signed:
 Sean Felton

 Report Date:
 28 Jul 2023

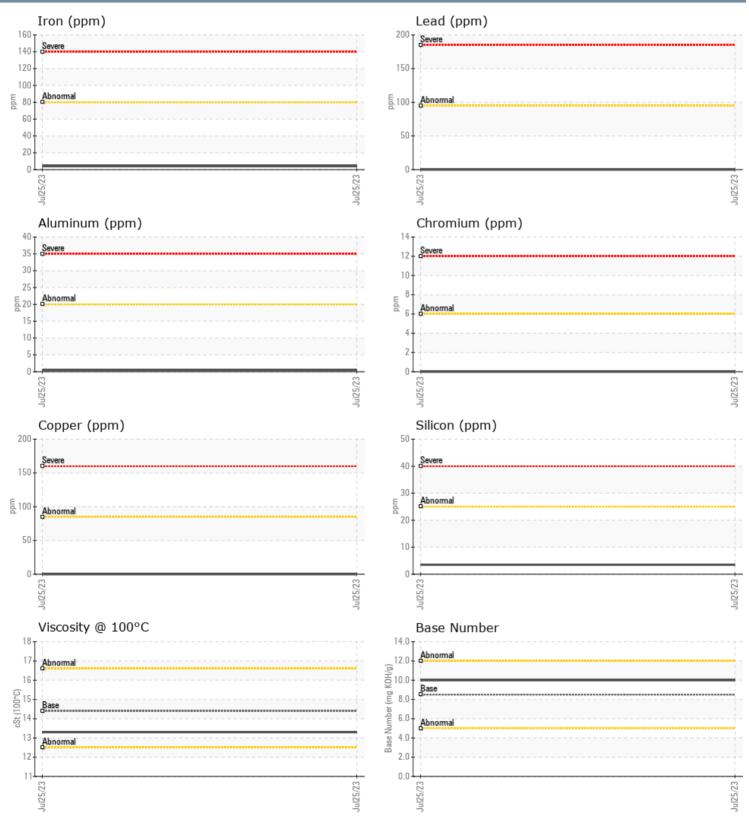
Contact/Location: Jim Radsek - VP211714



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP211714 [WUSCAR] 05907501 (Generated: 07/28/2023 10:37:48) Rev: 1

Contact/Location: Jim Radsek - VP211714