OIL ANALYSIS REPORT

EUREKA SRV14561 VOLVO PENTA 2120265489 - INDUSTRIAL ENGINE - GENSET

Sample No: VPA049722

Oil Type: VALVOLINE 15W40

SAMPLE INFORMATION

Sample Number		VPA049722	 	
Sample Date		11 Oct 2023	 	
Machine Hours		1790	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.1	 	
Base Number (BN)	mg KOH/g	9.4	 	
Oxidation (PA)	%	52	 	
CONTAMINATION				
Soot %	%	0	 	
Nitration (PA)	%	43	 	
Sulfation (PA)	%	48	 	
Glycol	%	NEG	 	
Fuel	%	<mark>▲</mark> 6.2	 	
Silicon	ppm	6	 	
Sodium	ppm	2	 	
Potassium	ppm	4	 	

WEAR METALS

Iron	ppm	1	 	
Copper	ppm	 <1	 	
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	1003	 	
Magnesium	ppm	903	 	
Zinc	ppm	1241	 	
Phosphorus	ppm	1021	 	
Barium	ppm	0	 	
Boron	ppm	6	 	

PARTS & POWER

PO BOX 1305498, PMB1000-00 ST THOMAS, VI US 00803 Contact: KARIM PERSAUD info@partsandpower.com T: (284)494-2830 F:

Diagnosis

We advise that you check the fuel injection system. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

 Depot:
 VP981217

 Unique No:
 10709784

 Signed:
 Jonathan Hester

 Report Date:
 25 Oct 2023

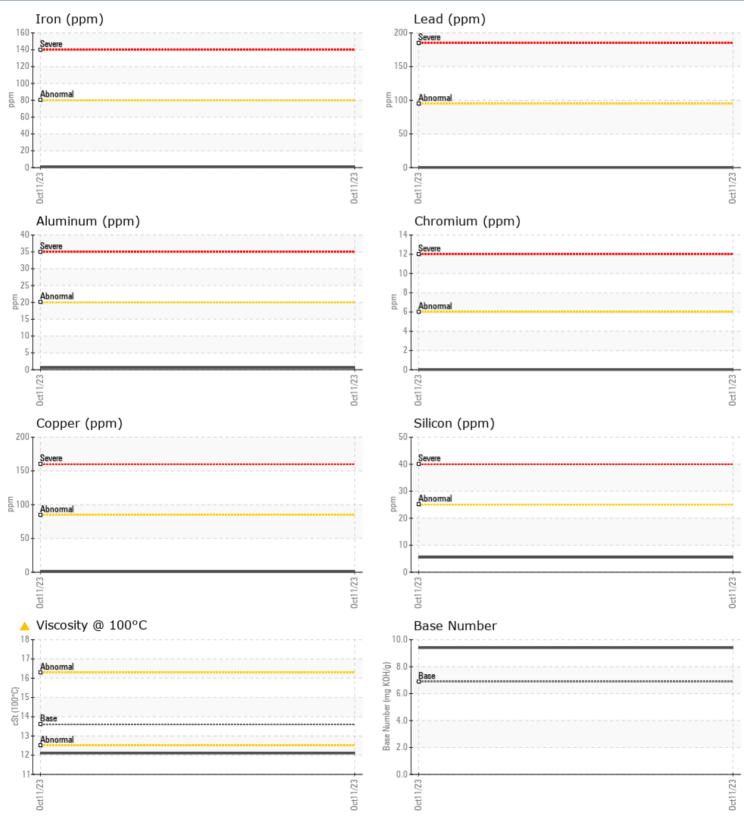
Contact/Location: KARIM PERSAUD - VP981217



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP981217 [WUSCAR] 05987122 (Generated: 10/26/2023 08:49:25) Rev: 1

Contact/Location: KARIM PERSAUD - VP981217