OIL ANALYSIS REPORT

POWERSECURE VP-346944 - INDUSTRIAL - GENSET

Sample No: VPA049651

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number Sample Date Machine Hours Oil Hours Oil Changed Sample Status		VPA049651 28 Jun 2023 49 49 Not Changd NORMAL	 	
OIL CONDITION				
Visc @ 100°C Base Number (BN) Oxidation (PA)	cSt mg KOH/g %	9 6.9 45	 	
CONTAMINATION				
Soot % Nitration (PA) Sulfation (PA) Glycol	% % %	0.1 56 44 NEG	 	
Fuel Silicon	% ppm	0.2 1 3	 	
Sodium Potassium	ppm ppm	■ <1 ■ 2	 	

WEAR METALS

Iron	ppm	1	 	
Copper	ppm	9	 	
Lead	ppm	□ <1	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	■ <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	67	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	<1	 	

ADDITIVES

Calcium	ppm	1783	 	
Magnesium	ppm	65	 	
Zinc	ppm	1002	 	
Phosphorus	ppm	829	 	
Barium	ppm	0	 	
Boron	ppm	66	 	

VOLVO PENTA

VOLVO PENTA - CORPORATE

1300 VOLVO PENTA DRIVE CHESAPEAKE, VA US 23320 Contact: Aaron Davis aaron.davis@volvo.com T: F: (757)436-5150

Diagnosis

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. 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. Tests indicate that there is no fuel present in the oil. 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:VOLVOPENTAUnique No:10585766Signed:Sean FeltonReport Date:03 Aug 2023

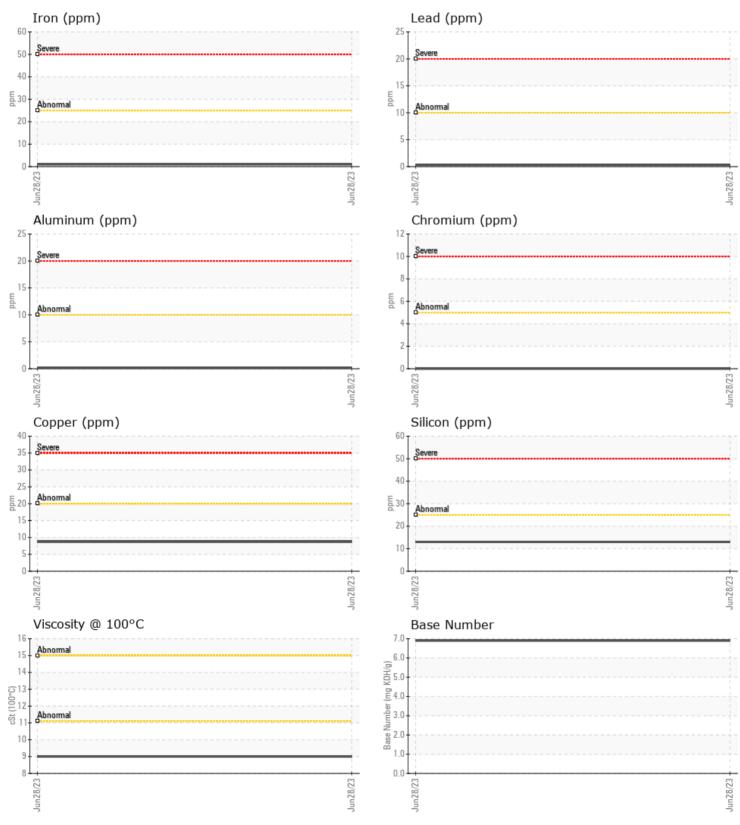
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Contact/Location: Aaron Davis - VOLVOPENTA

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GRAPHS



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