OIL ANALYSIS REPORT

VOLVO PENTA 2016159841 - INDUSTRIAL - GENSET

Sample No: VPA051118

Oil Type: VOLVO VDS-4.5 Premium Motor Oil 15W40

Sample Number		VPA051118	 	
Sample Date		06 Jun 2024	 	
Machine Hours		3587	 	
Oil Hours		587	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.0	 	
Base Number (BN)	mg KOH/g	9.1	 	
Oxidation (PA)	%	61	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	63	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	1.9	 	
Silicon	ppm	■4	 	
Sodium	ppm	0	 	
Potassium	ppm	1	 	
WEAR METALS				
Iron	ppm	8	 	
Copper	ppm	2	 	
Lead	ppm	2	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	61	 	
Nickel	ppm	□<1	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1061	 	
Magnesium	ppm	929	 	
Zinc	ppm	1179	 	
Dia a ana la annua	ppm	965	 	
Phosphorus				
Phosphorus Barium Boron	ppm ppm	0	 	

WART & STEVENSON

N CAGE BLVD RR, TX 8577 act: JORGE PEREZ e.perez@kirbycorp.com 56)787-6880

gnosis

and filter change at the time of pling has been noted. Resample he next service interval to nitor.All component wear rates normal. Fuel content negligible. re is no indication of any tamination in the oil. The oil osity is lower than normal. The result indicates that there is able alkalinity remaining in the oil. nfirm oil type.



VP1224185

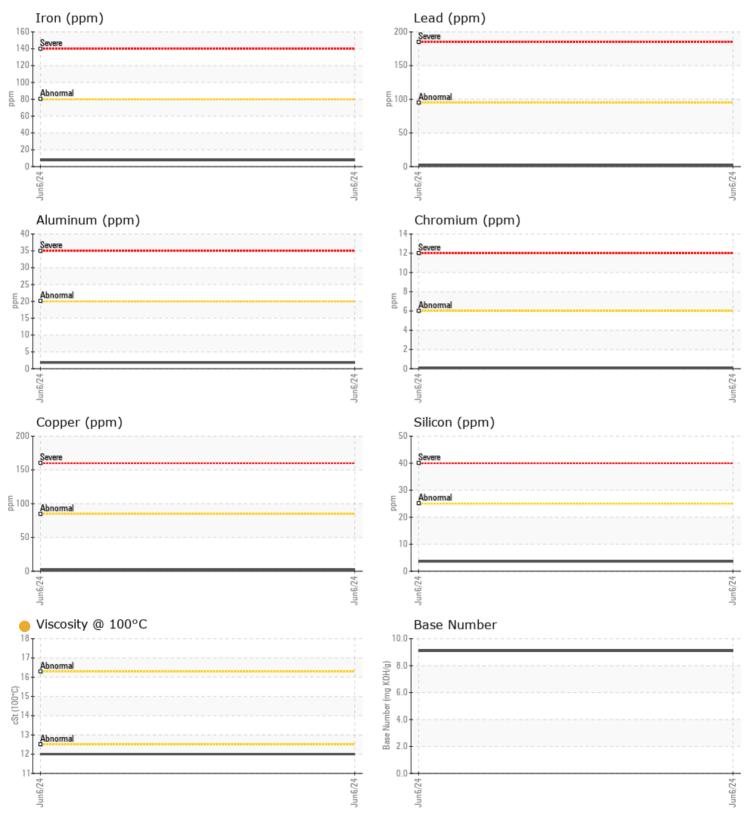
Contact/Location: JORGE PEREZ - VP1224185

OLVO ENTA

OIL ANALYSIS REPORT



GRAPHS



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