VOLVO PENTA

OIL ANALYSIS REPORT

HAUCK 505907 CUMMINS A180299766 - GENSET

Sample No: VPA056312

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Sample Number		VPA056312	VPA042438	
Sample Date		08 Jan 2024	03 Feb 2023	
Machine Hours		325	319	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDITION				
Visc @ 100°C	cSt	13.0	13.0	
Base Number (BN)	mg KOH/g	9.7	8.8	
Oxidation (PA)	%	60	67	
CONTAMINATION				
Water	%	NEG	NEG	
Soot %	%	0.1	0.1	
Nitration (PA)	%	41	56	
Sulfation (PA)	%	52	56	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	6	14	
Sodium	ppm	1	2	
Potassium	ppm	 <1	7	
WEAR METALS				
Iron	ppm	2	6	
Copper	ppm		2	
Lead	ppm	0	1	
Tin	ppm	0	 <1	
Aluminum	ppm	 <1	2	
Chromium	ppm	0	□ <1	
Molybdenum	ppm	48	8	
Nickel	ppm	0	0	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	0	1	
Vanadium	ppm	<1	0	
ADDITIVES				
Calcium	ppm	1212	2163	
Magnesium	ppm	765	128	
Zinc	ppm	1183	1234	
Phosphorus	ppm	977	940	
Barium	ppm	0	0	
Boron	ppm	37	181	

Jefferson Beach Yacht Sales Inc

24400 Jefferson Ave. SAINT CLAIR SHORES, MI US 48080 Contact: DENNIS BUTT dbutt@jbys.com T: (866)490-5297 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 suitable for further service.

 Depot:
 VP297371

 Unique No:
 10832025

 Signed:
 Angela Borella

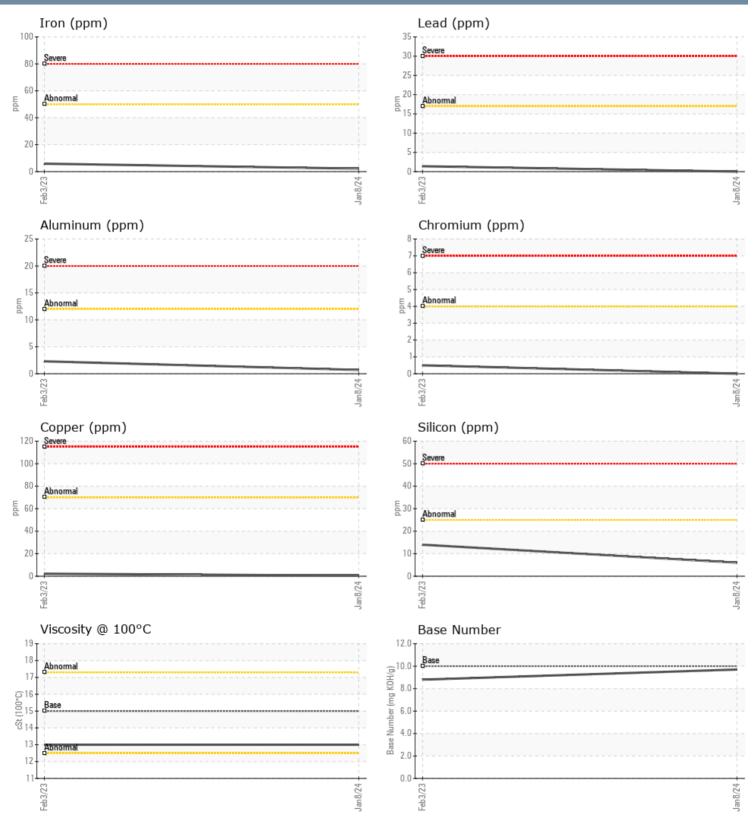
 Report Date:
 17 Jan 2024

Contact/Location: DENNIS BUTT - VP297371

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP297371 [WUSCAR] 06060643 (Generated: 01/17/2024 08:33:48) Rev: 1

Contact/Location: DENNIS BUTT - VP297371