OIL ANALYSIS REPORT

505752 VOLVO PENTA A 1183212 - PORT DIESEL ENGINE

Sample No: VPA052133

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

Sample Number		VPA052133	 	
Sample Date		23 Jan 2024	 	
Machine Hours		58	 	
Oil Hours		58	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.8	 	
Base Number (BN)	mg KOH/g	9.9	 	
Oxidation (PA)	%	75	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	41	 	
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	20	 	
Sodium	ppm	5	 	
Potassium	ppm	3	 	
WEAR METALS				
Iron	ppm	9	 	
Copper	ppm	10	 	
Lead	ppm	3	 	
Tin	ppm	2	 	
Aluminum	ppm	10	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	38	 	
Nickel	ppm	1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1507	 	
Magnesium	ppm	455	 	
Zinc	ppm	1021	 	
	ppm	905	 	
Phosphorus				
Phosphorus Barium Boron	ppm	■ <1 ■ 71	 	

VOLVO PENTA

Jefferson Beach Yacht Sales Inc 24400 Jefferson Ave. SAINT CLAIR SHORES, MI US 48080

ontact: CORT CORINO corino@jbys.com : (773)641-6947

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:
 10847949

 Signed:
 Don Baldridge

 Report Date:
 29 Jan 2024

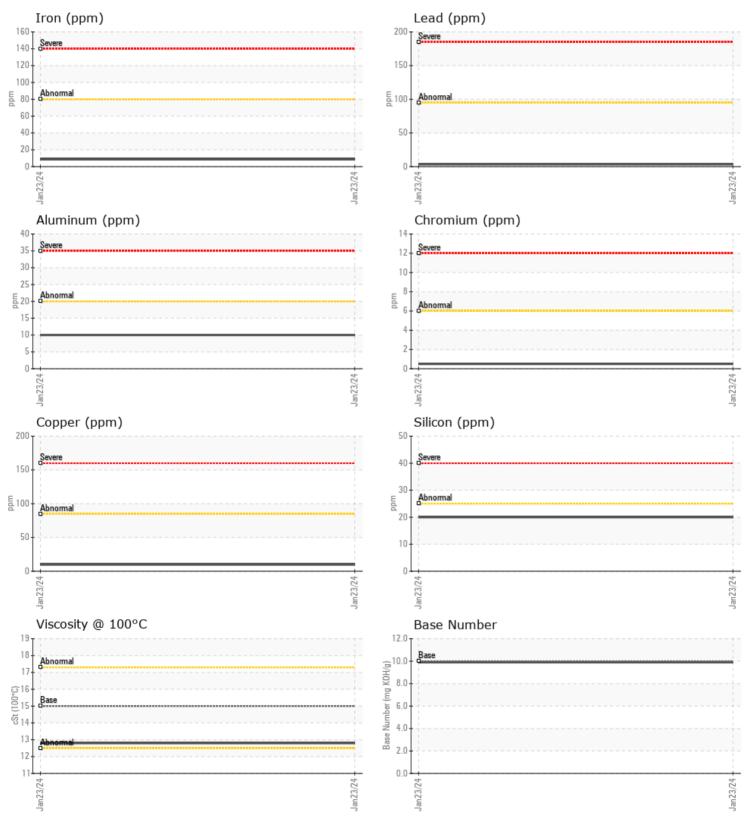
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Contact/Location: CORT CORINO - VP297371

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP297371 [WUSCAR] 06071272 (Generated: 01/29/2024 19:38:03) Rev: 1

Contact/Location: CORT CORINO - VP297371