OIL ANALYSIS REPORT

MICHAEL EDMUNDS DILLON VOLVO PENTA 3869440 - STARBOARD GASOLINE ENGINE

Sample No: VPA053191

Oil Type: VOLVO 10W40

SAMPLE INFORMATION

	SAMELE INFORMATION					
Sample Number		VPA053191				
Sample Date		03 Apr 2024				
Machine Hours		784				
Oil Hours		0				
Oil Changed		Changed				
Sample Status		NORMAL				
OIL CONDITION						
Visc @ 100°C	cSt	14.2				
Base Number (BN)	mg KOH/g	6.5				
Oxidation (PA)	%	9				
CONTAMINATION						
CONTAMINATION						
Water	%	NEG				
Soot %	%	0				
Nitration (PA)	%	7				
Sulfation (PA)	%	10				
Glycol	%	NEG				
Fuel	%	<1.0				
Silicon	ppm	6				
Sodium	ppm	□ <1				
Potassium	ppm	0				
WEAR METALS						
Iron	ppm	6				
Copper	ppm	25				
Lead	ppm	0				
Tin	ppm	0				
Aluminum	ppm	1				
Chromium		0				
Molybdenum	ppm	40				
Nickel	ppm ppm	40 0				
Titanium		0				
Silver	ppm	0				
Manganese	ppm	<1				
Vanadium	ppm	0				
Vanadium	ppm	U				
ADDITIVES						
Calcium	ppm	1816				
Magnesium	ppm	36				
Zinc	ppm	833				
Phosphorus	ppm	684				
Barium	ppm	0				
Boron	ppm	<1				
	-					

Endor Marine LLC - Coastal Marine - 152124 4300 11th Ave. NW SEATTLE, WA US 98107 Contact: WILLOW YANARELLA service@coastalmarineengine.com T: (206)784-3703 F: (206)784-8823

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 acceptable for the time in service.

Depot:

Signed:

Unique No:

VP794951

10965796

Sean Felton

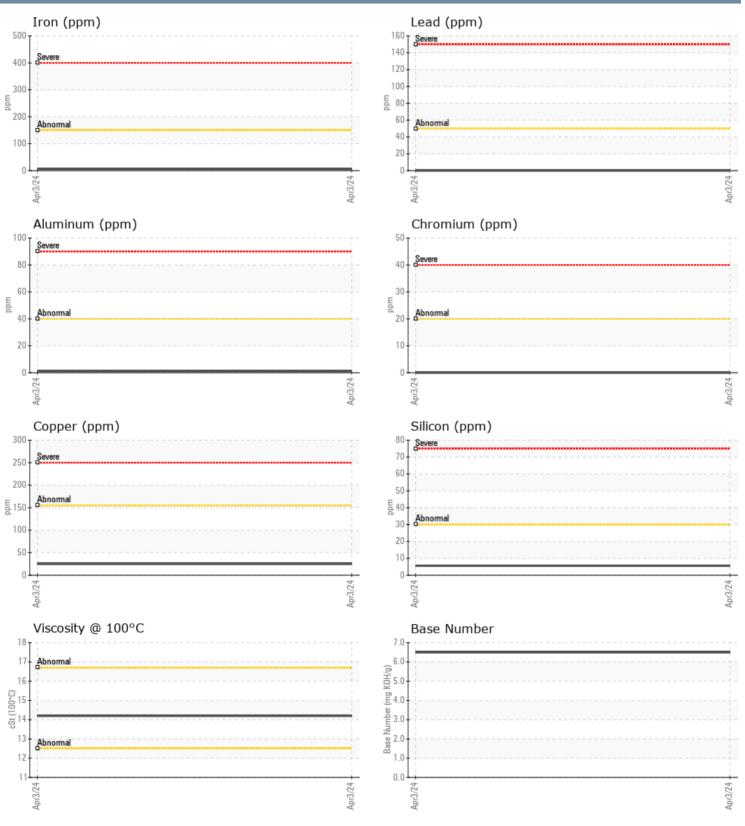
10 Apr 2024



OIL ANALYSIS REPORT



GRAPHS



Contact/Location: WILLOW YANARELLA - VP794951