OIL ANALYSIS REPORT

ALAN ERICKSON 502689 VOLVO DPH-D 302029915 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA058195

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA058195	VPA010862	
Sample Date		09 Feb 2024	26 Mar 2018	
Machine Hours		1024	258	
Oil Hours		126	159	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDITION				
Visc @ 40°C	cSt	105	96.8	
CONTAMINATION				
Water	%	NEG	0.126	
Silicon	ppm	1	4	
Sodium	ppm	<1	10	
Potassium	ppm	 <1	0	
WEAR METALS				
PQ		1 9	18	
Iron	ppm	18	100	
Copper	ppm	 <1	1	
Lead	ppm	0	0	
Tin	ppm	0	0	
Aluminum	ppm	2	3	
Chromium	ppm	■ <1	2	
Molybdenum	ppm	0	0	
Nickel	ppm	1	2	
Titanium	ppm	<1	0	
Silver	ppm	0	0	
Manganese	ppm	0	5	
Vanadium	ppm	0	0	
ADDITIVES				
Calcium	ppm	26	6	
Magnesium	ppm	2	34	
Zinc	ppm	0	8	
Phosphorus	ppm	1202	1281	
Barium	ppm	10	0	
Boron	ppm	272	251	

North Harbor Diesel Inc

720 30Th Street ANACORTES, WA US 98221 Contact: ROBBIN MURDOCK robbin@northharbordiesel.com T: (360)299-1904 r-

VOLVO PENTA

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 condition of the oil is acceptable for the time in service.

 Depot:
 VP179089

 Unique No:
 10886152

 Signed:
 Don Baldridge

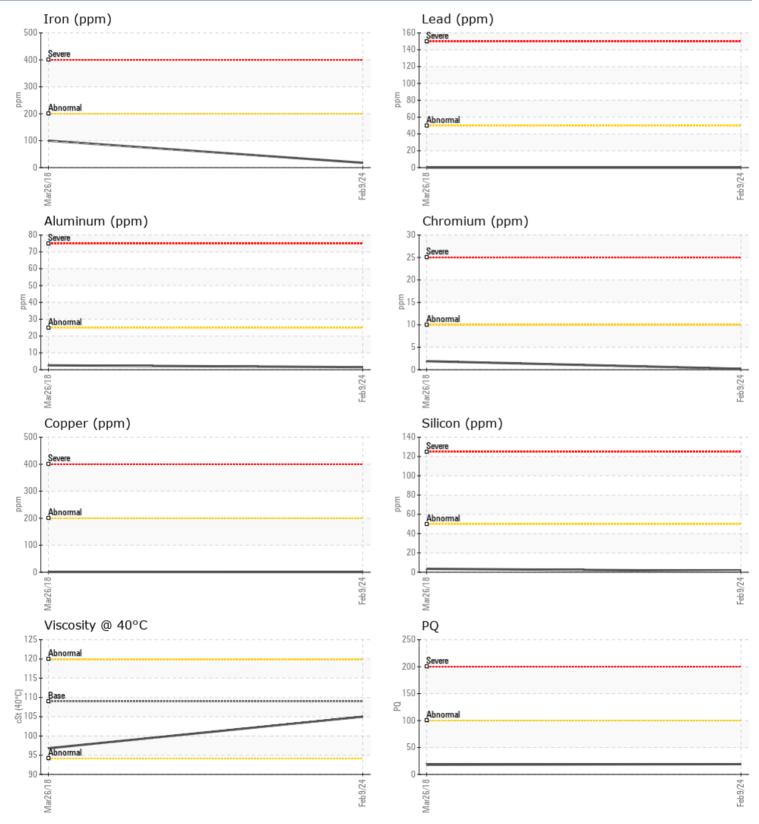
 Report Date:
 21 Feb 2024

Contact/Location: ROBBIN MURDOCK - VP179089

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GRAPHS



Report Id: VP179089 [WUSCAR] 06093299 (Generated: 02/21/2024 17:42:54) Rev: 1

Contact/Location: ROBBIN MURDOCK - VP179089