OIL ANALYSIS REPORT

LARRY COHEN 503032 VOLVO PENTA 3100002966 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA058309

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORM	IATION					
Sample Number		VPA058309				
Sample Date		12 Mar 2024				North Harbor Diesel Inc
Machine Hours		168				720 30Th Street
Oil Hours		0				ANACORTES, WA
Oil Changed		Not Changd				US 98221
Sample Status		ATTENTION				Contact: ED MCFARLIN
						ed@northharbordiesel.com
OIL CONDITION						T:
Visc @ 40°C	cSt	105				F:
	CSI	105				
CONTAMINATION	N					Diagnosis
Water	%	NEG				No corrective action is recomme
Silicon	ppm	4				at this time. Resample at the nex service interval to monitor. The ir
Sodium	ppm	1 4				level is abnormal. All other
Potassium	ppm	7				component wear rates are norm
WEAR METALS						There is no indication of any contamination in the oil. The condition of the oil is acceptable
PQ		30				the time in service.
ron	ppm	223				
Copper	ppm	2				
Lead	ppm	 <1				
Tin	ppm	□ <1				
Aluminum	ppm	3				
Chromium	ppm	2				
Molybdenum	ppm	 <1				
Nickel	ppm	2				
Titanium	ppm	<1				
Silver	ppm	0				
Manganese	ppm	6				
Vanadium	ppm	<1				
ADDITIVES						
Calcium	ppm	8				
Magnesium	ppm	75				
Zinc	ppm	1 7				
Phosphorus	ppm	1145				
Barium	ppm	0				
Boron	ppm	219				

 Depot:
 VP179089

 Unique No:
 10938145

 Signed:
 Don Baldridge

 Report Date:
 22 Mar 2024

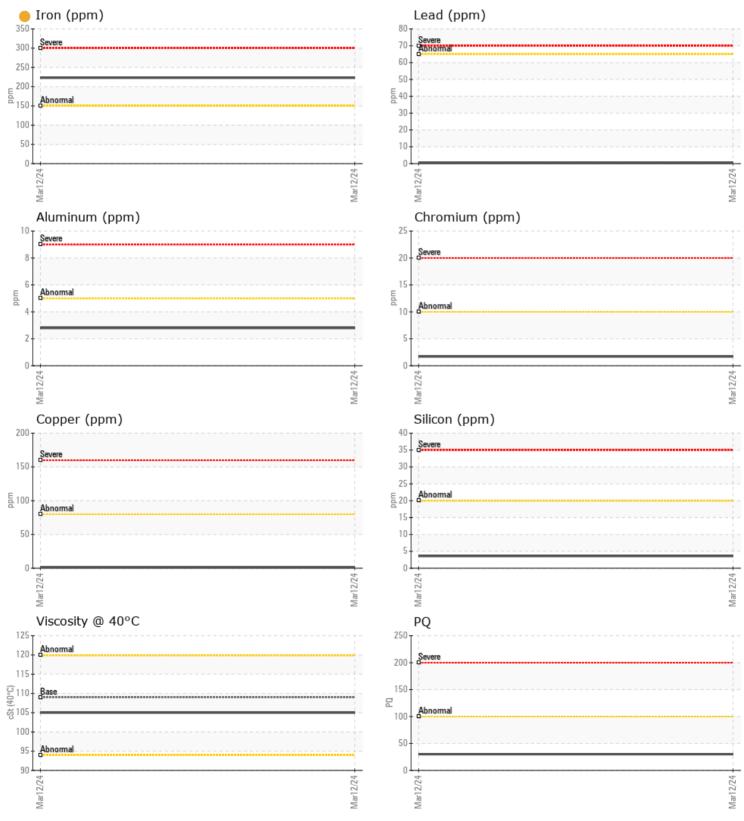
Contact/Location: ED MCFARLIN - VP179089



OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: ED MCFARLIN - VP179089