OIL ANALYSIS REPORT

CHANCE ROBERTS 80683 A1226256 - STARBOARD MAIN ENGINE

Sample No: VPA042781 Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number		VPA042781	 	
Sample Date		29 Apr 2024	 	
Machine Hours		50	 	
Oil Hours		50	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.0	 	
Oxidation (PA)	%	54	 	
Oxidation (FA)	70	J 4	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0	 	
Nitration (PA)	%	38	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	15	 	
Sodium	ppm	3	 	
Potassium	ppm	1	 	

WEAR METALS

Iron	ppm	5	 	
Copper	ppm	10	 	
Lead	ppm	■<1	 	
Tin	ppm	1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	56	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1125	 	
Magnesium	ppm	873	 	
Zinc	ppm	1137	 	
Phosphorus	ppm	988	 	
Barium	ppm	<1	 	
Boron	ppm	11	 	

Progressive Diesel

2135 Milne Rd PORT MCNEIL, BC CA VON 2R0 Contact: Larry Cox larry.prodsl@hotmail.ca T: F:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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:
 VP153880

 Unique No:
 5773337

 Signed:
 Kevin Marson

 Report Date:
 30 Apr 2024

 Contact/Location:
 Larry Cox - VP153880

Report Id: VP153880 [WCAMIS] 02632184 (Generated: 04/30/2024 15:02:44) Rev: 1

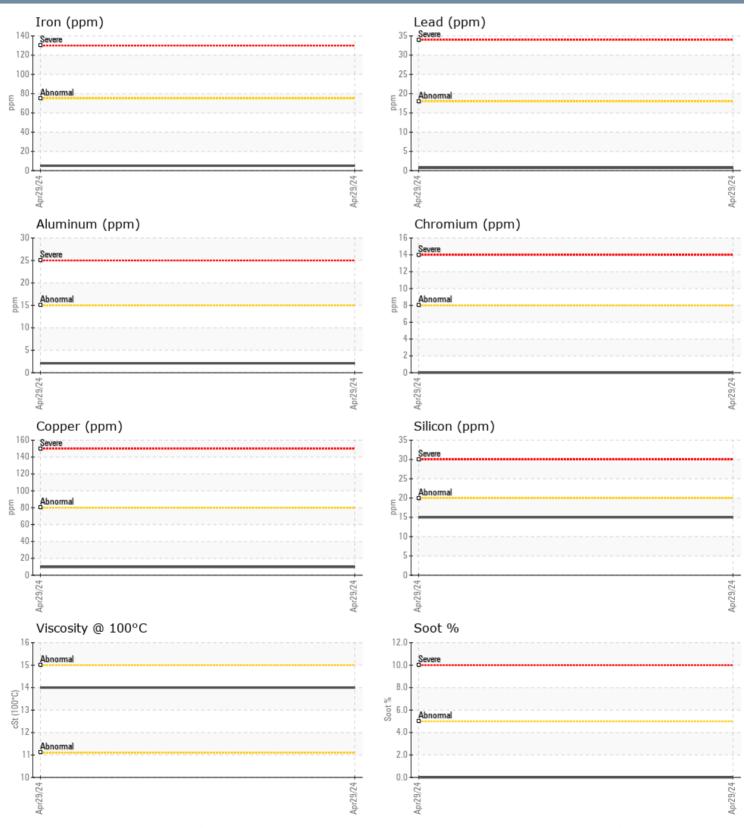
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OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153880 [WCAMIS] 02632184 (Generated: 04/30/2024 15:02:46) Rev: 1

Contact/Location: Larry Cox - VP153880