OIL ANALYSIS REPORT

319428 6950005487 - PORT IPS

Sample No: VPA056631

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA056631	 	
Sample Date		01 Mar 2024	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	106	 	
CONTAMINATION				
Water	%	NEG	 	
Silicon	ppm	1	 	
Sodium	ppm	■<1	 	
Potassium	ppm	4	 	
WEAR METALS				
PQ		0	 	
Iron	ppm	21	 	
Copper	ppm	2	 	
Lead	ppm	<1	 	
Tin	ppm	0	 	
Aluminum	ppm	<1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	 <1	 	
Titanium	ppm	0	 	
Silver	ppm	<1	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	56	 	
Magnesium	ppm	3	 	
Zinc	ppm	18	 	
Phosphorus	ppm	1243	 	
Barium	ppm	0	 	
Boron	ppm	175	 	



HINDSON MARINE SERVICE INC

79 CHAMPLAIN ROAD, P.O. BOX 5025 Penetanguishene, ON CA L9M 2G2 Contact: Brian Berriault brian@hindsonmarina.com T: (705)549-2004 F: (705)549-3138

Diagnosis

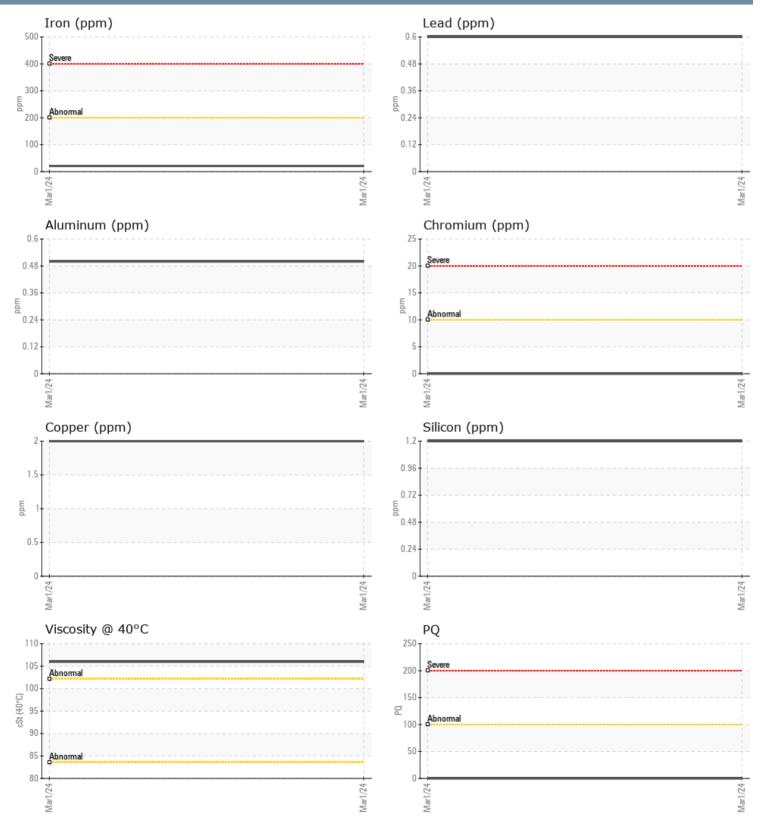
Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot:	ROB79PEN		
Unique No:	5737736		
Signed:	Kevin Marson		
Report Date:	08 Mar 2024		

OIL ANALYSIS REPORT



GRAPHS



Report Id: ROB79PEN [WCAMIS] 02620626 (Generated: 03/08/2024 05:35:39) Rev: 1

Contact/Location: Brian Berriault - ROB79PEN