OIL ANALYSIS REPORT

MIDDLETON 4352 VOLVO PENTA 3200006470 - PORT IPS

Sample No: VPA060807

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA060807	 	
Sample Date		23 Feb 2024	 	
Machine Hours		795	 	
Oil Hours		15	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	105	 	
CONTAMINATION				
Water	%	NEG	 	
Silicon	ppm	1	 	
Sodium	ppm		 	
Potassium	ppm		 	
WEAR METALS				
PQ		∎13	 	
Iron	ppm	28	 	
Copper	ppm	4	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	<1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	10	 	
Magnesium	ppm	1 4	 	
Zinc	ppm	7	 	
Phosphorus	ppm	1333	 	
Barium	ppm	 <1	 	
Boron	ppm	283	 	

ine Service Inc

VOLVO PENTA

2Nd Ave. UDERDALE, FL 15 JASON TOLEDO asmarine.com 62-1112

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ective action is recommended ime. Resample at the next interval to monitor.All nent wear rates are normal. no indication of any ination in the oil. The on of the oil is acceptable for e in service.

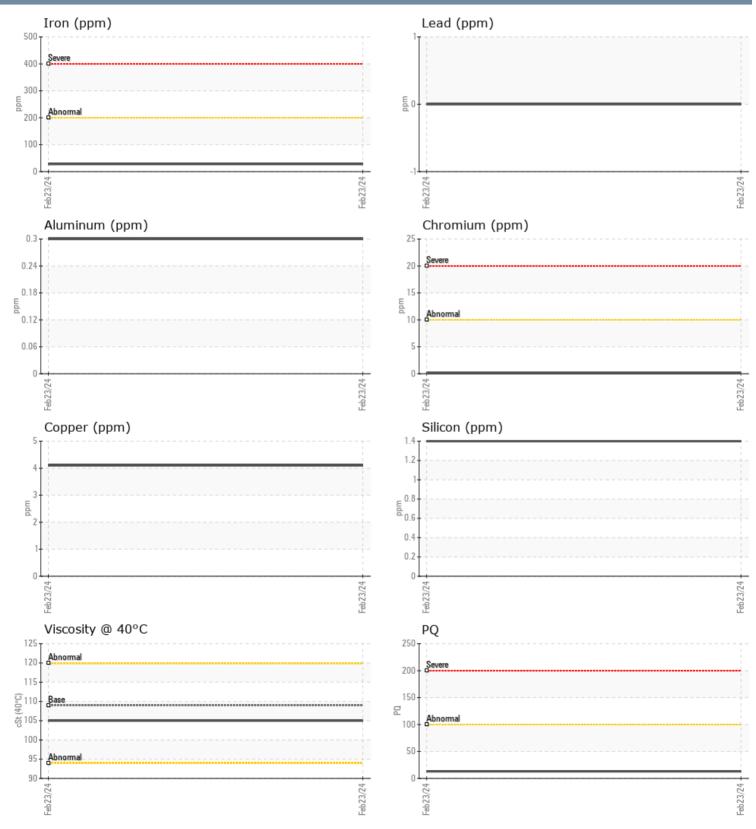
Depot:	VP426065		
Unique No:	10899409		
Signed:	Sean Felton		
Report Date:	28 Feb 2024		

Contact/Location: JASON TOLEDO - VP426065

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP426065 [WUSCAR] 06101179 (Generated: 02/28/2024 18:22:16) Rev: 1

Contact/Location: JASON TOLEDO - VP426065