



MATIC MATIC VOLVO PENTA 3940024438 - STARBOARD IPS

Sample No: VPA058289
Oil Type: {unknown}

SAMPLE INFORMATION Sample Number Sample Number O3 Mar 2024					
Sample Date 03 Mar 2024	SAMPLE INFORMA	TION			
Sample Date 03 Mar 2024	Sample Number		VPA058289	 	
Machine Hours 1008	·			 	
Oil Changed Sample Status N/A NORMAL	•		1008	 	
Sample Status	Oil Hours		0	 	
Sample Status	Oil Changed		N/A	 	
Visc @ 40°C cSt 105.4			NORMAL	 	
CONTAMINATION	OIL CONDITION				
Water % 0.107 Silicon ppm 12	Visc @ 40°C	cSt	■105.4	 	
Silicon ppm 12 <t< td=""><td>CONTAMINATION</td><td></td><th></th><td></td><td></td></t<>	CONTAMINATION				
Sodium ppm 12 </td <td>Water</td> <td>%</td> <th>■ 0.107</th> <td> </td> <td></td>	Water	%	■ 0.107	 	
Sodium	Silicon	ppm	12	 	
Potassium ppm 0 WEAR METALS PQ 22 Iron ppm 83 Copper ppm 8 Lead ppm 0 Aluminum ppm 1 Aluminum ppm 1 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 1 Nikel ppm 0 Manganese ppm 3 ADDITIVES Calcium ppm 47 <td>Sodium</td> <td></td> <th>12</th> <td> </td> <td></td>	Sodium		12	 	
PQ 22 Iron ppm 83 Copper ppm 0 Lead ppm 0 Aluminum ppm 1 Aluminum ppm 1 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Silver ppm 0 Silver ppm 3 Vanadium ppm 0 ADDITIVES Calcium ppm 32 Magnesium ppm 47	Potassium	ppm	■ 0	 	
Iron	WEAR METALS				
Copper ppm 8 <td>PQ</td> <td></td> <th>22</th> <td> </td> <td></td>	PQ		22	 	
Lead ppm 0 Tin ppm <1		ppm		 	
Tin ppm <1 Aluminum ppm 1	Copper	ppm		 	
Aluminum ppm 1		ppm		 	
Chromium ppm Molybdenum ppm 0 Nickel ppm 1 Titanium ppm 0 Silver ppm 0 Manganese ppm 3 Vanadium ppm 0 ADDITIVES Calcium ppm 32 Magnesium ppm 11 Zinc ppm 47 Phosphorus ppm 1481 Barium ppm 0		ppm	· ·	 	
Molybdenum ppm 0 Nickel ppm 1 Titanium ppm 0 Silver ppm 0 Manganese ppm 3 Vanadium ppm 0 ADDITIVES Calcium ppm 32 Magnesium ppm 11 Zinc ppm 47 Phosphorus ppm 1481 Barium ppm 0		ppm		 	
Nickel ppm 1 <td></td> <td></td> <th>_</th> <td></td> <td></td>			_		
Titanium ppm 0 Silver ppm 0 Manganese ppm 3 Vanadium ppm 0 ADDITIVES Calcium ppm 32 Magnesium ppm 11 Zinc ppm 47 Phosphorus ppm 1481 Barium ppm 0	-	ppm		 	
Silver ppm 0 Manganese ppm 3 Vanadium ppm 0 ADDITIVES Calcium ppm 32 Magnesium ppm 11 Zinc ppm 47 Phosphorus ppm 1481 Barium ppm 0			_		
Manganese ppm 3			-		
Vanadium ppm 0 ADDITIVES Calcium ppm 32 Magnesium ppm 11 Zinc ppm 47 Phosphorus ppm 1481 Barium ppm 0					
ADDITIVES Calcium ppm 32 Magnesium ppm 11 Zinc ppm 47 Phosphorus ppm 1481 Barium ppm 0	3				
Calcium ppm 32 Magnesium ppm 11 Zinc ppm 47 Phosphorus ppm 1481 Barium ppm 0	Vanadium	ppm	0	 	
Magnesium ppm 11 Zinc ppm 47 Phosphorus ppm 1481 Barium ppm 0	ADDITIVES				
Zinc ppm 47 Phosphorus ppm 1481 Barium ppm 0	Calcium	ppm	32	 	
Phosphorus ppm 1481 Barium ppm 0	Magnesium	ppm	11	 	
Barium ppm 0	Zinc	ppm	47	 	
- Prince -	Phosphorus	ppm	1481	 	
Boron ppm 244	Barium	ppm	0	 	
	Boron	ppm	244	 	

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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is a trace of moisture present in the oil. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot:VP867279Unique No:10911405Signed:Doug BogartReport Date:04 Mar 2024

OIL ANALYSIS REPORT



