



3815/GO-19 VOLVO PENTA 3950007836 - PORT IPS

Sample No: VPA054057

Oil Type: GEAR OIL SAE 75W90

Sample Number	SAMPLE INFORM	ATION				
Sample Date 29 Apr 2024 Machine Hours 362		ATIUN				
Machine Hours 362				 		
Oil Hours O Oil Changed Sample Status NORMAL OIL CONDITION Visc @ 40°C CSt 101 CONTAMINATION Water % NEG Silicon ppm 2 Sodium ppm 3 Potassium ppm 2 WEAR METALS PQ 19 Iron ppm 53 Copper pp 5 Lead ppm 4 Lead ppm 1 Lead ppm 1	Sample Date		29 Apr 2024	 		
Oil Changed Sample Status Changed NORMAL	Machine Hours		362	 		
Sample Status NORMAL	Oil Hours		0	 		
OIL CONDITION	Oil Changed		Changed	 		
Visc @ 40°C cSt 101 <th co<="" th=""><th>Sample Status</th><th></th><th>NORMAL</th><th> </th><th></th></th>	<th>Sample Status</th> <th></th> <th>NORMAL</th> <th> </th> <th></th>	Sample Status		NORMAL	 	
CONTAMINATION	OIL CONDITION					
Water % NEG Soliticon ppm 2	Visc @ 40°C	cSt	101	 		
Solium ppm 3 <th>CONTAMINATION</th> <th></th> <th></th> <th></th> <th></th>	CONTAMINATION					
Silicon ppm 2 <td< td=""><td>Water</td><td>%</td><td>NEG</td><td> </td><td></td></td<>	Water	%	NEG	 		
Sodium ppm 3 WEAR METALS WEAR METALS PQ 19 Iron ppm 53 Copper ppm 5 Lead ppm 0 Tin ppm 0 Aluminum ppm 1 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Nikel ppm 0 Manganese ppm 0 ADDITIVES Calcium ppm 138 <	Silicon		2	 		
Potassium ppm 2 WEAR METALS PQ 19 Iron ppm 53 Copper ppm 5 Lead ppm 0 Tin ppm 0 Aluminum ppm 1 Chromium ppm 0 Molybdenum ppm 0 Mickel ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm	Sodium		■ 3	 		
PQ	Potassium		2	 		
Iron	WEAR METALS					
Copper ppm 5 <td>PQ</td> <td></td> <td>19</td> <td> </td> <td></td>	PQ		1 9	 		
Lead ppm <1	Iron	ppm	■53	 		
Tin ppm 0 Aluminum ppm 1	Copper	ppm	5	 		
Aluminum ppm 1	Lead	ppm	<1	 		
Chromium ppm Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 2 Vanadium ppm 0 ADDITIVES Calcium ppm 15 Magnesium ppm 138 Zinc ppm 19 Phosphorus ppm 1519 Barium ppm 0	Tin	ppm	0	 		
Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 ADDITIVES Calcium ppm 15 Magnesium ppm 138 Zinc ppm 19 Phosphorus ppm 1519 Barium ppm 0	Aluminum	ppm	1	 		
Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 2 Vanadium ppm 0 ADDITIVES Calcium ppm 15 Magnesium ppm 138 Zinc ppm 19 Phosphorus ppm 1519 Barium ppm 0	Chromium	ppm	■<1	 		
Titanium ppm 0 Silver ppm 0 Manganese ppm 2 Vanadium ppm 0 ADDITIVES Calcium ppm 15 Magnesium ppm 138 Zinc ppm 19 Phosphorus ppm 1519 Barium ppm 0	Molybdenum	ppm	■ 0	 		
Silver ppm 0 Manganese ppm 2 Vanadium ppm 0 ADDITIVES Calcium ppm 15 Magnesium ppm 138 Zinc ppm 19 Phosphorus ppm 1519 Barium ppm 0	Nickel	ppm	■ 0	 		
Manganese ppm 2	Titanium	ppm	0	 		
Vanadium ppm 0 ADDITIVES Calcium ppm 15 Magnesium ppm 138 Zinc ppm 19 Phosphorus ppm 1519 Barium ppm 0	Silver	ppm	0	 		
ADDITIVES Calcium ppm 15 Magnesium ppm 138 Zinc ppm 19 Phosphorus ppm 1519 Barium ppm 0	Manganese	ppm	2	 		
Calcium ppm 15 Magnesium ppm 138 Zinc ppm 19 Phosphorus ppm 1519 Barium ppm 0	Vanadium	ppm	0	 		
Magnesium ppm 138 Zinc ppm 19 Phosphorus ppm 1519 Barium ppm 0	ADDITIVES					
Magnesium ppm 138 Zinc ppm 19 Phosphorus ppm 1519 Barium ppm 0	Calcium	ppm	1 5	 		
Zinc ppm ■ 19 Phosphorus ppm ■ 1519 Barium ppm ■ 0				 		
Phosphorus ppm ■1519 Barium ppm ■0	_			 		
Barium ppm □0			 1519	 		
–				 		
Boron ppm 375				 		

GRAND BANKS

450 SW SALEM RD STUART, FL US 34994 Contact: ROBERT ANTONA roberta@gbmarinegroup.com T: (609)384-5290 F:

Diagnosis

Resample at the next service interval to monitor. 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:VP531377Unique No:11020270Signed:Don BaldridgeReport Date:12 May 2024





