



ANDREW VOLVO PENTA 3950006169 - STARBOARD IPS

Sample No: VPA050517

Oil Type: GEAR OIL SAE 75W90

Sample Number VPA050517	
Sample Date 30 Oct 2023	
Machine Hours 223 <	
Oil Hours 0 Oil Changed Changed Sample Status NORMAL OIL CONDITION Visc @ 40°C CSt 114 CONTAMINATION Silicon ppm 2 Sodium ppm 2 Sodium ppm 2 WEAR METALS PQ 14 WEAR METALS PQ 14 PQ 14 Copper ppm 0 Lead ppm 0	
Oil Changed Sample Status Changed NORMAL	
Sample Status	
OIL CONDITION Visc @ 40°C cSt 114 CONTAMINATION Sodium ppm 2 Sodium ppm 0 Potassium ppm 0 WEAR METALS PQ 14 Iron ppm 16 Copper ppm 6 Lead ppm 0 Tin ppm 0 Aluminum ppm <1 Chromium ppm <1 Molybdenum ppm <1 Nickel ppm	
Visc @ 40°C cSt 114 CONTAMINATION Silicon ppm 2 Sodium ppm 2 Potassium ppm 0 WEAR METALS PQ 14 Iron ppm 6 Copper ppm 6 Lead ppm 0 Lead ppm 0 Lead ppm 0 Aluminum ppm 0 Molybdenum<	
CONTAMINATION Silicon	
Silicon ppm 2 Sodium ppm 2 WEAR METALS PQ 14 Iron ppm 16 Copper ppm 6 Lead ppm 0 Tin ppm 0 Aluminum ppm <1	
Sodium ppm 2 <td></td>	
Sodium ppm 2 <td></td>	
Potassium ppm 0 WEAR METALS PQ 14 Iron ppm 16 Copper ppm 6 Lead ppm 0 Tin ppm 0 Aluminum ppm <1	
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PQ 14 Iron ppm 16 Copper ppm 6 Lead ppm 0 Tin ppm 0 Aluminum ppm <1 Chromium ppm 0 Molybdenum ppm <1 Nickel ppm <1	
Iron ppm 16 Copper ppm 6 Lead ppm 0 Tin ppm 0 Aluminum ppm <1	
Copper ppm 6 Lead ppm 0 Tin ppm 0 Aluminum ppm <1	
Lead ppm 0 Tin ppm 0 Aluminum ppm <1	
Tin ppm 0 Aluminum ppm <1	
Aluminum ppm <1	
Chromium ppm 0 Molybdenum ppm <1 Nickel ppm <1	
Molybdenum ppm Nickel ppm 1	
Nickel ppm 1	
Titanium ppm 0	
Silver ppm 0	
Manganese ppm <pre></pre>	
Vanadium ppm 0	
ADDITIVES	
Calcium ppm 67	
Magnesium ppm 🔲 8	
Zinc ppm 29	
Phosphorus ppm 1304	
Barium ppm 0	
Boron ppm 296	

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. Please specify the brand, type, and viscosity of the oil on your next sample.Metal levels are typical for a new component breaking in. 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:10723488Signed:Sean FeltonReport Date:02 Nov 2023

Report Id: VP531377 [WUSCAR] 05995128 (Generated: 11/02/2023 09:39:51) Rev: 1





