



JAMES OUEEN 43764 KOHLER SGM32N6MM - GENSET

Sample No: VPA055169

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Base Number (BN) mg KOH/g						
Sample Date	SAMPLE INFORMAT	TION				
Sample Date	Sample Number		VDA0EE160			
Machine Hours						
Oil Changed Changed						
Oil Changed Sample Status SEVERE						
DIL CONDITION SEVERE						
Dil CONDITION			_			
Visc @ 100°C			SEVERE	_	_	_
Base Number (BN) mg KOH/g	OIL CONDITION					
Contamination Contaminatio	Visc @ 100°C	cSt	14.8			
Water	Base Number (BN)	mg KOH/g	■7.4			
Water % NEG <td>Oxidation (PA)</td> <td>%</td> <th>65</th> <td></td> <td></td> <td></td>	Oxidation (PA)	%	65			
Water % NEG <td>CONTAMINATION</td> <td></td> <th></th> <td></td> <td></td> <td></td>	CONTAMINATION					
Soot %		0/_	NEG			
Nitration (PA)						
Sulfation (PA)						
Silicon Sil						
Fuel						
Silicon	-					
Sodium ppm ▲ 2566 WEAR METALS Iron ppm ● 100 Copper ppm ● 11 Lead ppm ● 2 Tin ppm ● 1 Aluminum ppm ● 52 Chromium ppm ● 8 Molybdenum ppm ● 1 Nickel ppm ● 1 Titanium ppm ● 1 Silver ppm ● 0 Manganese ppm ● 3 Vanadium ppm ● 1835 ADDITIVES Zinc ppm						
WEAR METALS Iron ppm 100 Copper ppm 11 Lead ppm 2 Tin ppm 1 Aluminum ppm 52 Chromium ppm 8 Molybdenum ppm 1 Nickel ppm 1 Silver ppm 0 Manganese ppm 3 Vanadium ppm 1835 ADDITIVES Zinc ppm 1071 Phosphorus ppm 851			_			
WEAR METALS Iron ppm 100						
Tron		1-1-	-			
Copper	WEAR METALS					
Lead ppm 2 Tin ppm 1 Aluminum ppm 33 Chromium ppm 52 Molybdenum ppm 1 Nickel ppm 1 Titanium ppm 0 Manganese ppm 3 Vanadium ppm 0 ADDITIVES Calcium ppm 1835 Magnesium ppm 569 Zinc ppm 1071 Phosphorus ppm 851 Barium ppm 0	Iron	ppm	100			
Tin ppm 1 Aluminum ppm 33	Copper	ppm	11			
Aluminum ppm 33	Lead	ppm	2			
Chromium ppm 52	Tin	ppm	1			
Molybdenum ppm 8	Aluminum	ppm	33			
Nickel ppm 1 <td>Chromium</td> <td>ppm</td> <th></th> <td></td> <td></td> <td></td>	Chromium	ppm				
Titanium ppm <1 Silver ppm 0	Molybdenum	ppm				
Silver ppm 0 <td>Nickel</td> <td>ppm</td> <th>_</th> <td></td> <td></td> <td></td>	Nickel	ppm	_			
Manganese ppm 3 Vanadium ppm 0 ADDITIVES Calcium ppm 1835 Magnesium ppm 569 Zinc ppm 1071 Phosphorus ppm 851 Barium ppm 0	Titanium	ppm				
Vanadium ppm 0 <	Silver	ppm	_			
ADDITIVES Calcium ppm 1835 Magnesium ppm 569 Zinc ppm 1071 Phosphorus ppm 851 Barium ppm 0	Manganese		■3			
Calcium ppm 1835 Magnesium ppm 569 Zinc ppm 1071 Phosphorus ppm 851 Barium ppm 0	Vanadium	ppm	0			
Magnesium ppm 569 -	ADDITIODA					
Magnesium ppm 569 -	Calcium	ppm	■ 1835			
Zinc ppm 1071 </td <td>Magnesium</td> <td></td> <th></th> <td></td> <td></td> <td></td>	Magnesium					
Phosphorus ppm 851	Zinc					
Barium ppm 0	Phosphorus					
	Barium					
	Boron					

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD CHARLESTON, SC US 29403 Contact: STEVE VASAS steve@ccyachtsales.com T: F:

Diagnosis

We advise that you check for the source of the coolant leak. Check for low coolant level. Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Piston, ring and cylinder wear is indicated. Sodium and/or potassium levels are high. The BN result indicates that there is suitable alkalinity remaining in the oil.

Depot:VP568144Unique No:10764738Signed:Jonathan HesterReport Date:01 Dec 2023





