OIL ANALYSIS REPORT

WESTERBEKE NOT GIVEN VPA049705 (S/N NO INFO ON SIF/BOTTLE) - GENSET

Sample No: VPA049705

Oil Type: SCHAEFFER SUPREME 7000

SAMPLE INFORMATION

Machine Hours 0 Oil Hours 0 Oil Changed Changed Sample Status Imaged NORMAL OIL CONDITION Imaged Imaged Imaged Imaged Imaged Imaged Imaged Imaged Visc @ 100°C cSt 13.5 Imaged Imaged <th< th=""><th></th><th></th><th></th><th></th><th></th></th<>					
Sample Date 14 Sep 2023 Machine Hours 0 Oil Hours 0 Oil Hours 0 Oil Changed Changed Sample Status NORMAL OIL CONDITION Visc @ 100°C cSt 13.5 Base Number (BN) mg KOH/g 8.1 Oxidation (PA) % 63 Soot % % 0.1 Soot % % 0.1 Sulfation (PA) % 53 Sulfation (PA) % \$3	Sample Number		VPA049705	 	
Oil Hours 0 Oil Changed Changed Sample Status NORMAL OIL CONDITION Visc @ 100°C cSt 13.5 Base Number (BN) mg KOH/g 8.1 Oxidation (PA) % 63 Soot % % 0.1 Nitration (PA) % 54 Sulfation (PA) % 53 Sulfation (PA) % S3 Sulfation (PA) % S3 Sulfation (PA) % S1 Sulfation (PA) % S1 Sulfation (PA) % <1.0	Sample Date		14 Sep 2023	 	
Oil Changed Changed Sample Status Image: Normal OIL CONDITION Image: Normal Visc @ 100°C cSt 13.5 Base Number (BN) mg KOH/g 8.1 Oxidation (PA) % 63 CONTAMINATION ////////////////////////////////////	Machine Hours		0	 	
Sample Status NORMAL OIL CONDITION Visc @ 100°C cSt 13.5 Base Number (BN) mg KOH/g 8.1 Oxidation (PA) % 63 CONTAMINATION Soot % % 0.1 Nitration (PA) % 54 Sulfation (PA) % 53 Sulfation (PA) % 53 Sulfation (PA) % <1.0	Oil Hours		0	 	
OIL CONDITION Visc @ 100°C cSt 13.5 Base Number (BN) mg KOH/g 8.1 Oxidation (PA) % 63 CONTAMINATION Soot % % 0.1 Soot % % 0.1 Nitration (PA) % 54 Sulfation (PA) % 53 Sulfation (PA) % 53 Sulfation (PA) % 53 Sulfation (PA) % 53 Fuel % <1.0	Oil Changed		Changed	 	
Visc @ 100°C cSt 13.5 Base Number (BN) mg KOH/g 8.1 Oxidation (PA) % 63 CONTAMINATION % 0.1 Soot % % 0.1 Nitration (PA) % 54 Sulfation (PA) % 53 Glycol % NEG Fuel % <1.0	Sample Status		NORMAL	 	
Visc @ 100°C cSt 13.5 Base Number (BN) mg KOH/g 8.1 Oxidation (PA) % 63 CONTAMINATION Soot % % 0.1 Nitration (PA) % 54 Sulfation (PA) % 53 Sulfation (PA) % 53 Sulfation (PA) % 1.0 Fuel % <1.0					
Base Number (BN) mg KOH/g 8.1 Oxidation (PA) % 63 CONTAMINATION Soot % % 0.1 Soot % % 0.1 Nitration (PA) % 54 Sulfation (PA) % 53 Glycol % NEG Fuel % <1.0 Silicon ppm 8 Sodium ppm 3 Potassium ppm 3	OIL CONDITION				
Base Number (BN) mg KOH/g 8.1 Oxidation (PA) % 63 CONTAMINATION Soot % % 0.1 Soot % % 0.1 Nitration (PA) % 54 Sulfation (PA) % 53 Glycol % NEG Silicon ppm 88 Sodium ppm 33 Potassium ppm 34	Visc @ 100°C	cSt	13.5	 	
Oxidation (PA) % 63 CONTAMINATION Soot % % 0.1 Soot % % 0.1 Nitration (PA) % 54 Sulfation (PA) % 53 Glycol % NEG Fuel % <1.0 Silicon ppm 8 Sodium ppm 3				 	
CONTAMINATION Soot % % 0.1 Nitration (PA) % 54 Sulfation (PA) % 53 Glycol % NEG Fuel % <1.0	. ,	5 . 5	_	 	
Soot % % 0.1 Nitration (PA) % 54 Sulfation (PA) % 53 Glycol % NEG Fuel % <1.0		70			
Soot % % 0.1 Nitration (PA) % 54 Sulfation (PA) % 53 Glycol % NEG Fuel % <1.0	CONTAMINATION				
Nitration (PA) % 54 Sulfation (PA) % 53 Glycol % NEG Fuel % <1.0					
Sulfation (PA) % 53 Glycol % NEG Fuel % <1.0				 	
Glycol % NEG Fuel % <1.0	Nitration (PA)	%	54	 	
Fuel % <1.0 Silicon ppm 18 Sodium ppm 13 Potassium ppm 13	Sulfation (PA)	%	53	 	
Silicon ppm 8 Sodium ppm 3 Potassium ppm 3	Glycol	%	NEG	 	
Sodium ppm 3 Potassium ppm 3	Fuel	%	<1.0	 	
Potassium ppm 3	Silicon	ppm	8	 	
	Sodium	ppm	3	 	
	Potassium	ppm	3	 	

WEAR METALS

Iron	ppm	8	 	
Copper	ppm	3	 	
Lead	ppm	0	 	
Tin	ppm	■<1	 	
Aluminum	ppm	5	 	
Chromium	ppm	□<1	 	
Molybdenum	ppm	20	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1701	 	
Magnesium	ppm	280	 	
Zinc	ppm	951	 	
Phosphorus	ppm	811	 	
Barium	ppm	0	 	
Boron	ppm	136	 	

Edward`s Marine and Sons

12741 Sunset Ave OCEAN CITY, MD US 21842 Contact: Edward Bartholme edwardsmarine@comcast.net;canastasio@wearcheckusa.com T: 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VP551029

 Unique No:
 10648349

 Signed:
 Sean Felton

 Report Date:
 19 Sep 2023

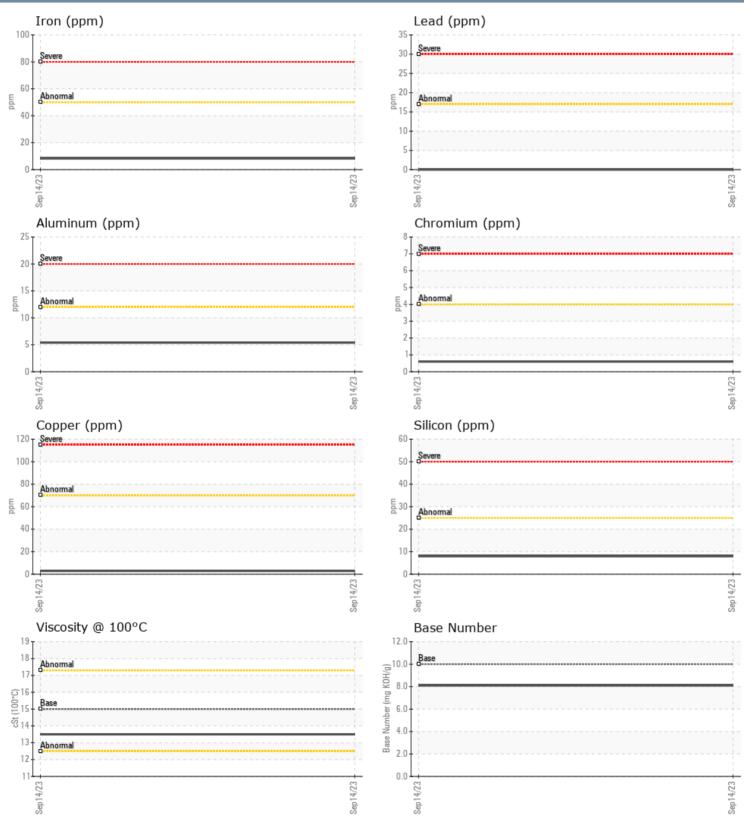
Contact/Location: Edward Bartholme - VP551029



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP551029 [WUSCAR] 05952390 (Generated: 09/21/2023 06:19:25) Rev: 1

Contact/Location: Edward Bartholme - VP551029