OIL ANALYSIS REPORT

KELLY WESTERBEKE 53083 - GENSET

Sample No: VPA036762

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

Sample Number		VPA036762				
Sample Date		08 Dec 2023				FULL KEEL MARINE SERVICES
Machine Hours		1039				314 LEGION AVE
Dil Hours		0				ANNAPOLIS, MD
Oil Changed		Changed				US 21401
Sample Status		NORMAL				Contact: Service Manager
	_		_	_		FULLKEELMARINESERIVES@GMAIL.CO
OIL CONDITION						T: (410)507-3542
/isc @ 100°C	cSt	13.8				F:
Base Number (BN)	mg KOH/g	9.9				
Oxidation (PA)	%	59				Diagnosis
CONTAMINATION						No corrective action is recommend at this time. Oil and filter change a
CONTAMINATION						the time of sampling has been not
Water	%	NEG				Resample at the next service interv
Soot %	%	0.2				to monitor.All component wear rat
Nitration (PA)	%	47				are normal. There is no indication of
Sulfation (PA)	%	52				any contamination in the oil. The B
Glycol	%	NEG				result indicates that there is suitable
uel	%	<1.0				alkalinity remaining in the oil. The condition of the oil is suitable for
Silicon	ppm	8				further service.
Sodium	ppm	2				lartifier service.
Potassium	ppm	2				
WEAR METALS						
Iron	ppm	1 9				
Copper	ppm	1				
_ead	ppm	■<1				
Гin	ppm	 <1				
Aluminum	ppm	3				
Chromium	ppm	2				
Molybdenum	ppm	55				
Nickel	ppm	 <1				
Fitanium	ppm	<1				
Silver	ppm	0				
Manganese	ppm	■<1				
Vanadium	ppm	<1				
ADDITIVES						
Calcium	ppm	1148				
Magnesium	ppm	881				
	ppm	1206				
linc						
inc	mag	988				
	ppm ppm	■ 988 ■11				

VP1298996 e No: 10782377 Doug Bogart l: Report Date: 14 Dec 2023

Report Id: VP1298996 [WUSCAR] 06032586 (Generated: 12/14/2023 14:22:54) Rev: 1

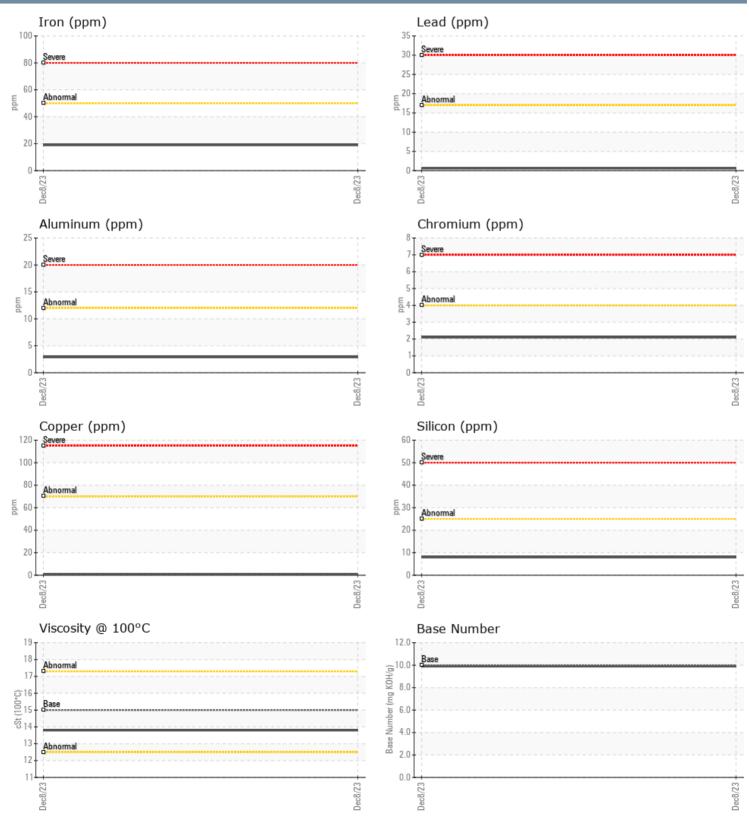


Contact/Location: Service Manager - VP1298996

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GRAPHS



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