OIL ANALYSIS REPORT

KIMBERLY KITTELSON 505802 ONAN H170221167 - GENSET

Sample No: VPA051099

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

Sample Number		VPA051099	VPA032962			
Sample Date		07 Feb 2024	11 Feb 2021		 Jefferson Be	ach Yacht Sales I
Machine Hours		433	267		 24400 Jeffers	on Ave.
Oil Hours		100	90		 SAINT CLAIR	SHORES, MI
Dil Changed		Changed	Changed		 US 48080	
Sample Status		NORMAL	NORMAL		 Contact: COF	
					ccorino@jby	
OIL CONDITION					T: (773)641-6	947
/isc @ 100°C	cSt	■14.1	13.5		 F:	
Base Number (BN)	mg KOH/g	8.2			 <u> </u>	
Oxidation (PA)	%	65	58		 Diagnosis	
CONTAMINATION						the next service in
CONTAMINATION						All component wea There is no indicati
Water	%	NEG	NEG			nation in the oil. T
Soot %	%	0.1	0.1		 result indica	tes that there is su
Nitration (PA)	%	50	48			naining in the oil. T
Sulfation (PA)	%	55	53			the oil is acceptab
Glycol	%	NEG	NEG		 the time in s	ervice.
uel	%	<1.0	<1.0			
Silicon	ppm	4	5			
Sodium	ppm	2	3			
Potassium	ppm	6	 <1			
WEAR METALS						
ron	ppm	3	4		 -	
Copper	ppm	 <1	1			
_ead	ppm	■ <1	<1			
Гin	ppm	 <1	<1			
Aluminum	ppm	1	0			
Chromium	ppm	<1	<1			
Molybdenum	ppm	13	57			
Nickel	ppm	0	0			
Fitanium	ppm	0	0			
Silver	ppm	0	<1			
Manganese	ppm	0	□ <1			
Vanadium	ppm	<1	0			
ADDITIVES						
Calcium	ppm	2046	1037		 -	
Magnesium	ppm	219	913			
Zinc	ppm	1213	1124			
	ppm	1047	1028			
hosphorus			1020			
				=		
Phosphorus Barium Boron	ppm ppm	0 162	0		 Depot:	VP297371

Report Date: 14 Feb 2024

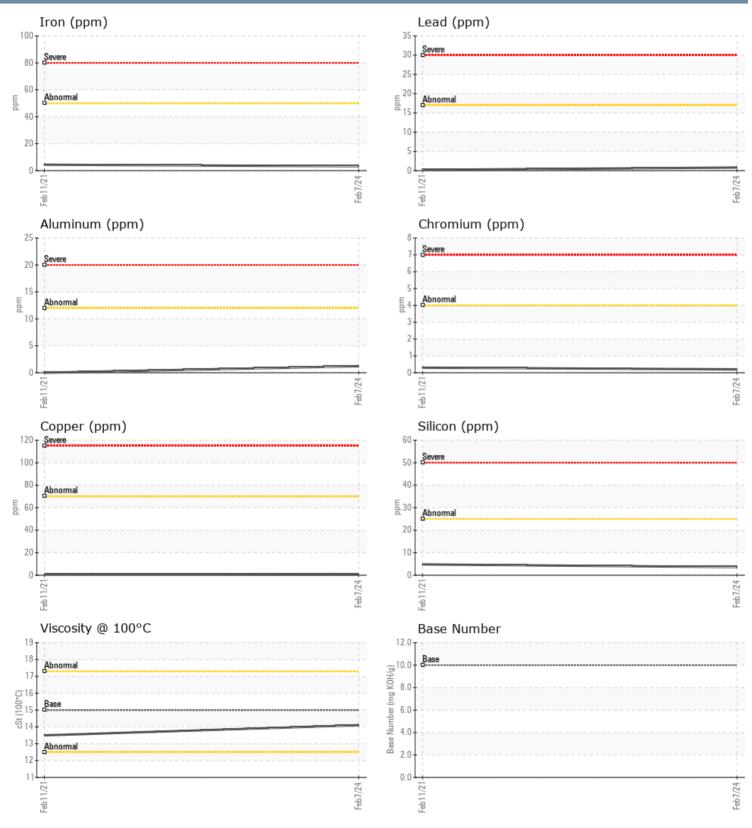


Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP297371 [WUSCAR] 06086912 (Generated: 02/14/2024 12:09:47) Rev: 1

Contact/Location: CORT CORINO - VP297371