## **OIL ANALYSIS REPORT**

#### KIMBERLY KITTELSON 505802 VOLVO PENTA 7011435638 - PORT DIESEL ENGINE

Sample No: VPA054487

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

ample Number		VPA054487	VPA032963	 
ample Date		07 Feb 2024	11 Feb 2021	 
1achine Hours		298	206	 
il Hours		70	80	 
il Changed		Changed	Changed	 
ample Status		NORMAL	NORMAL	 
DIL CONDITION				
sc @ 100°C	cSt	12.5	12.6	 
ase Number (BN)	mg KOH/g	9.6		 
xidation (PA)	%	54	56	 
ONTAMINATION				
ater	%	NEG	NEG	 
oot %	%	<b>0.1</b>	0.1	 
itration (PA)	%	42	45	 
ulfation (PA)	%	51	53	 
lycol	%	NEG	NEG	 
lel	%	<1.0	< 1.0	 
licon	ppm	<b>4</b>	7	 
odium	ppm	<b>  </b> <1	2	 
tassium	ppm	0	<b></b> < 1	 
/EAR METALS				
on	ppm	<b>□</b> <1	4	 
opper	ppm	5	10	 
ad	ppm	∎1	< 1	 
1	ppm	<b></b> <1	<b></b> <1	 
uminum	ppm		0	 
romium	ppm	0	<1	 
olybdenum	ppm	59	54	 
ickel	ppm	0	<1	 
tanium	ppm	0	0	 
ver	ppm	0	<1	 
anganese	ppm	0	<1 <1	 
nadium	ppm	<1	0	 
ADDITIVES				
alcium	ppm	<b>1091</b>	1001	 
agnesium	ppm	969	859	 
nc	ppm	1234	1060	 
osphorus	ppm	<b>1060</b>	980	 
rium	ppm	0	0	 
ron	ppm	2	2	

Jefferson Beach Yacht Sales Inc

24400 Jefferson Ave. SAINT CLAIR SHORES, MI US 48080 Contact: CORT CORINO ccorino@jbys.com T: (773)641-6947 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 acceptable for the time in service.

Contact/Location: CORT CORINO - VP297371

Report Date:

VP297371

10874353

Sean Felton

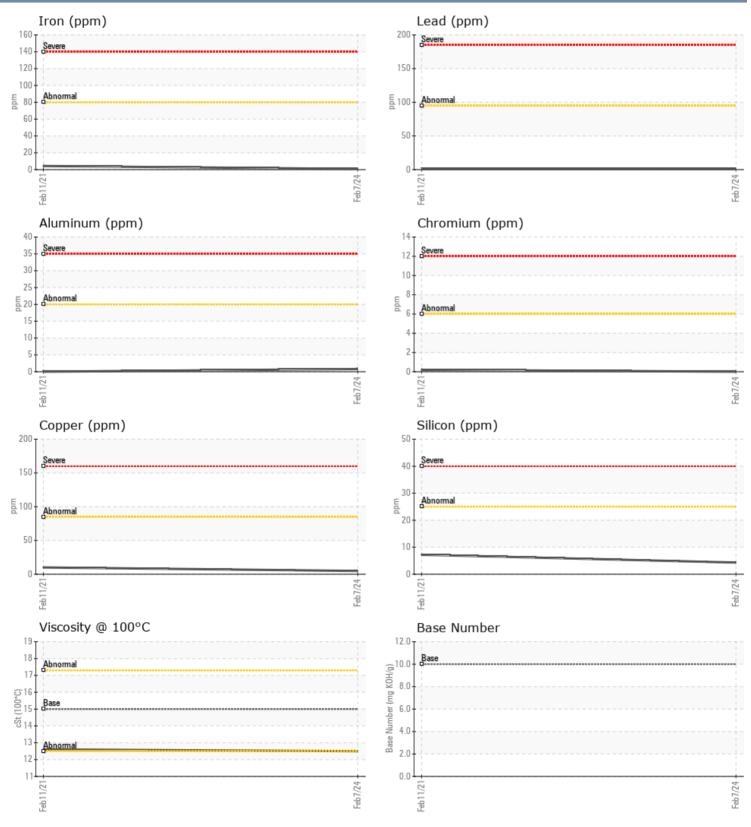
14 Feb 2024



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#### GRAPHS



Report Id: VP297371 [WUSCAR] 06086908 (Generated: 02/14/2024 12:10:03) Rev: 1

Contact/Location: CORT CORINO - VP297371