### **OIL ANALYSIS REPORT**

# OLVO ENTA

#### NORTHERN LIGHTS 8442-59225 - GENSET **NEIL BOOK 505842**

Sample No: VPA052164

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

Sample Number		VPA052164	 	
ample Date		02 Feb 2024	 	
Machine Hours		450	 	
Dil Hours		0	 	
Dil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
/isc @ 100°C	cSt	<b>11.2</b>	 	
Base Number (BN)	mg KOH/g	7.7	 	
Oxidation (PA)	%	47	 	
CONTAMINATION				
Vater	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	57	 	
Sulfation (PA)	%	44	 	
Glycol	%	NEG	 	
Fuel	%	<b>A</b> 3.2	 	
Silicon	ppm	8	 	
odium	ppm	2	 	
otassium	ppm	35	 	
WEAR METALS				
ron	ppm	<b>7</b>	 	
Copper	ppm	8	 	
ead	ppm	2	 	
Гin	ppm	<b></b> <1	 	
Aluminum	ppm	6	 	
Chromium	ppm	<1	 	
Volybdenum	ppm	<b>6</b> 1	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm		 	
'anadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	<b>1907</b>	 	
Vagnesium	ppm	<b>400</b>	 	
Zinc	ppm	<b>1071</b>	 	
	ppm	910	 	
Phosphorus				
Phosphorus Barium	ppm	<b>&lt;</b> 1	 	

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### sis

Iter change at the time of has been noted. No action is recommended at Resample at the next terval to monitor.Metal typical for a new ent breaking in. Light fuel occurring. Fuel is present in d is lowering the viscosity. esult indicates that there is Ikalinity remaining in the oil.

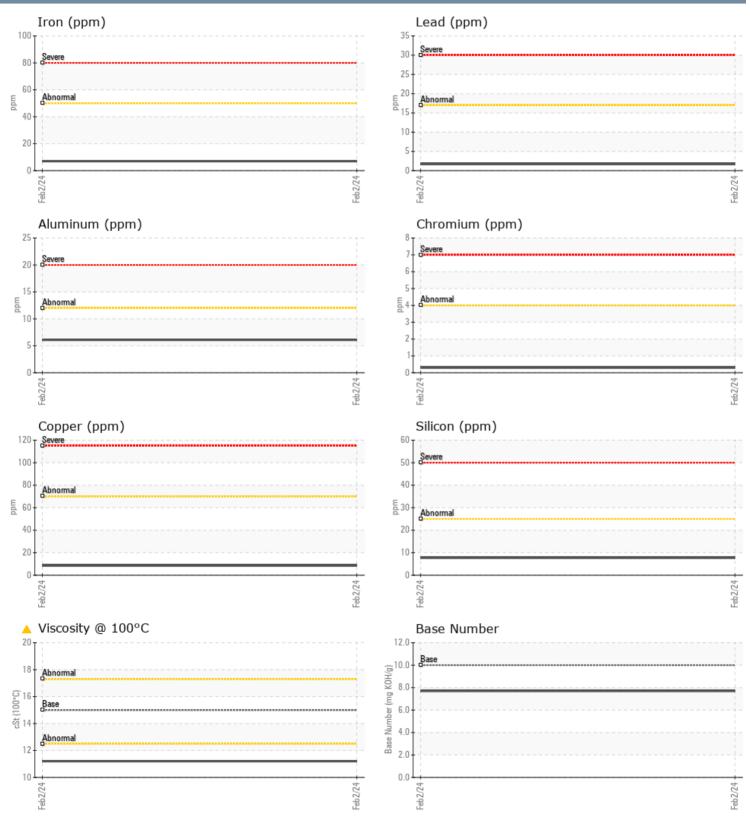
VP297371 10874359 Sean Felton Signed: Report Date: 14 Feb 2024

Contact/Location: CORT CORINO - VP297371

## **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP297371 [WUSCAR] 06086914 (Generated: 02/14/2024 12:10:11) Rev: 1

Contact/Location: CORT CORINO - VP297371