## **OIL ANALYSIS REPORT**



### 438717 - CENTER GASOLINE ENGINE

Sample No: VPA058217

Oil Type: LIQUI MOLY SPECIN TEC 0W20

Sample Number		VPA058217	 	
Sample Date		13 Feb 2024	 	
Machine Hours		140000	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	7.8	 	
Base Number (BN)	mg KOH/g	<b>4.0</b>	 	
Oxidation (PA)	%	18	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0	 	
Nitration (PA)	%	12	 	
Sulfation (PA)	%	16	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>14</b>	 	
Sodium	ppm	<b>  </b> <1	 	
Potassium	ppm	<b>1</b>	 	
WEAR METALS				
Iron	ppm	7	 	
Copper	ppm	■ <1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	74	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1134	 	
Magnesium	ppm	418	 	
Zinc	ppm	675	 	
Phosphorus	ppm	637	 	
Barium	ppm	12	 	
Boron	ppm	28	 	

#### ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2 NAPLES, FL US 34104 Contact: KEITH SPICER keith\_advanceddiesel@yahoo.com T: (239)580-8731 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: Unique No: Signed: Report Date:

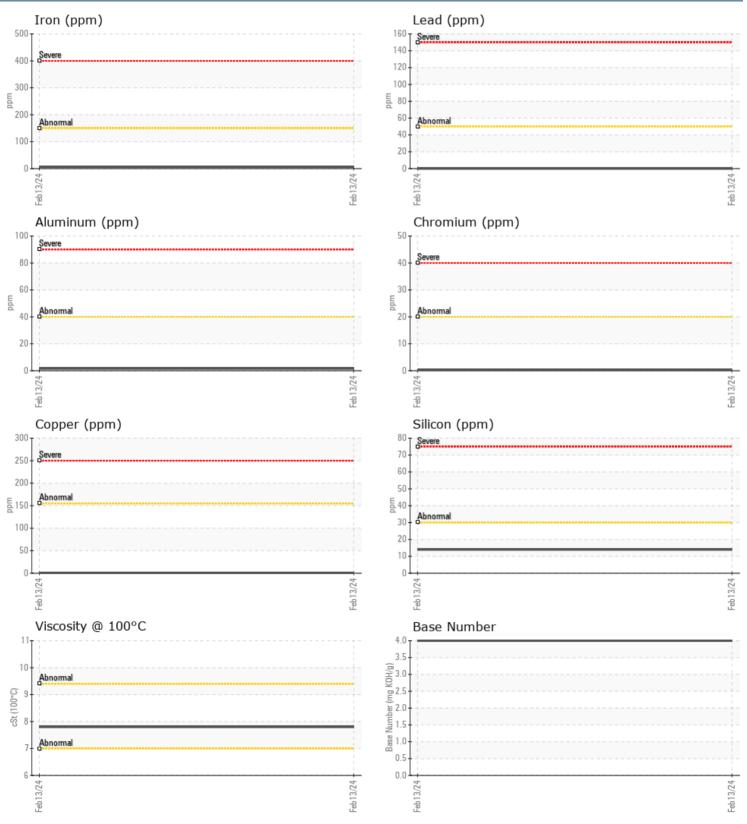
VPADVNAP 10876025 Jonathan Hester 15 Feb 2024

Contact/Location: KEITH SPICER - VPADVNAP

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VPADVNAP [WUSCAR] 06088580 (Generated: 02/15/2024 17:18:29) Rev: 1

Contact/Location: KEITH SPICER - VPADVNAP