OIL ANALYSIS REPORT

BRAD BLACK 354531 FISCHER PANDA CO2-103-648 - GENSET

Sample No: VPA055555

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

JULILI INI OUMA I				
Sample Number		VPA055555	 	
Sample Date		20 Feb 2024	 	
Machine Hours		95	 	
Oil Hours		19	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.8	 	
Base Number (BN)	mg KOH/g	8.9	 	
Oxidation (PA)	%	68	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	50	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	13	 	
Sodium	ppm	5	 	
Potassium	ppm	6	 	
WEAR METALS				
Iron	ppm	1 8	 	
Copper	ppm	3	 	
Lead	ppm	 <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	24	 	
Nickel	ppm	0	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	1698	 	
Magnesium	ppm	379	 	
Zinc	ppm	1172	 	
Phosphorus	ppm	935	 	

 Depot:
 VP494046

 Unique No:
 10910351

 Signed:
 Sean Felton

 Report Date:
 05 Mar 2024

Report Id: VP494046 [WUSCAR] 06106854 (Generated: 03/05/2024 16:29:10) Rev: 1

0 🔲

123

ppm

ppm

Barium

Boron

Contact/Location: D LAKE - VP494046



Skipper Marine of Ohio, LLC 5801 E. Harbor Rd. MARBLEHEAD, OH JS 43440 Contact: D LAKE Jlake@skipperbuds.com

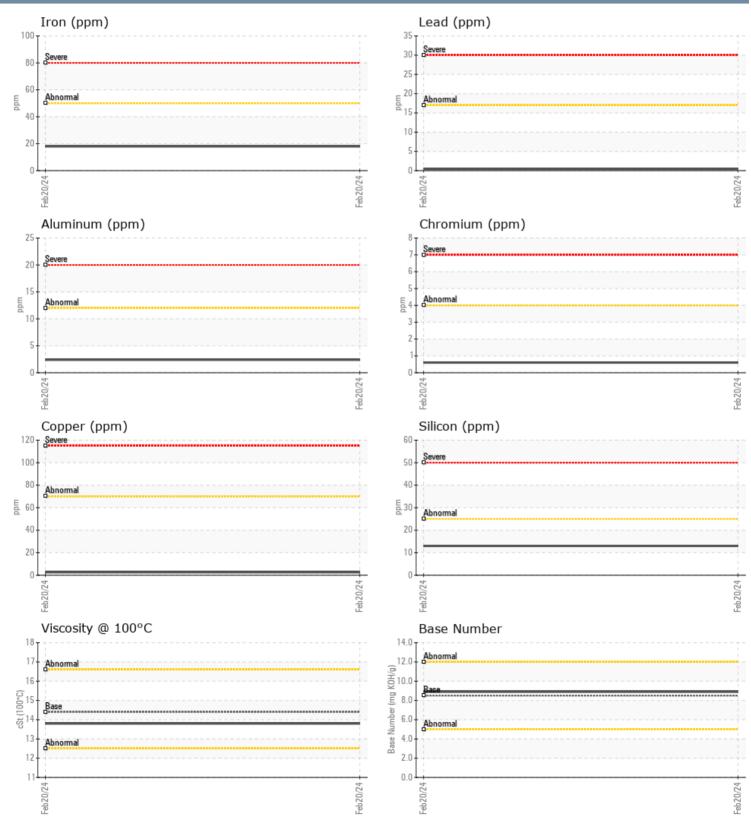
Diagnosis

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.

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP494046 [WUSCAR] 06106854 (Generated: 03/05/2024 16:29:12) Rev: 1

Contact/Location: D LAKE - VP494046