OIL ANALYSIS REPORT

ONAN J130577965 - GENSET

Sample No: VPA053081

Oil Type: DIESEL ENGINE OIL SAE 15W40

Sample Number		VPA053081	 	 FDDA FT PIERCE - POWER CENTE
Sample Date		17 Apr 2024	 	 FDDA FI PIERCE - POWER CENTE
Machine Hours		395	 	 FORT PIERCE, FL
Oil Hours		1	 	 US
Oil Changed		Not Changd	 	 Contact: KYLE GRASER
Sample Status		NORMAL	 	 k.graser@kirbycorp.com
OIL CONDITION				T: F:
Visc @ 100°C	cSt	14.34	 	 F.
Oxidation (PA)	%	63	 	 Diagnosis
CONTAMINATION				No corrective action is recommend
				at this time. Resample at the next
Water	%	NEG	 	 service interval to monitor.All
Soot %	%	0.1	 	 component wear rates are normal
Nitration (PA)	%	43	 	 There is no indication of any contamination in the oil. The
Sulfation (PA)	%	55	 	 condition of the oil is acceptable f
Glycol Fuel	%	NEG <1.0	 	 the time in service.
Silicon		< 1.0	 	
Silicon Sodium	ppm			
Potassium	ppm ppm	□ <1 □ 3	 	
WEAR METALS				
	10.10.000			
lron Copper	ppm ppm	□ 4 □ <1	 	
Lead	ppm	■ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	□ <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	1 6	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
	ppm	2320	 	
Calcium		136	 	
Calcium Magnesium	ppm			
	ppm	1266	 	
Magnesium		■ 1266 ■ 1034	 	
Magnesium Zinc	ppm	_		



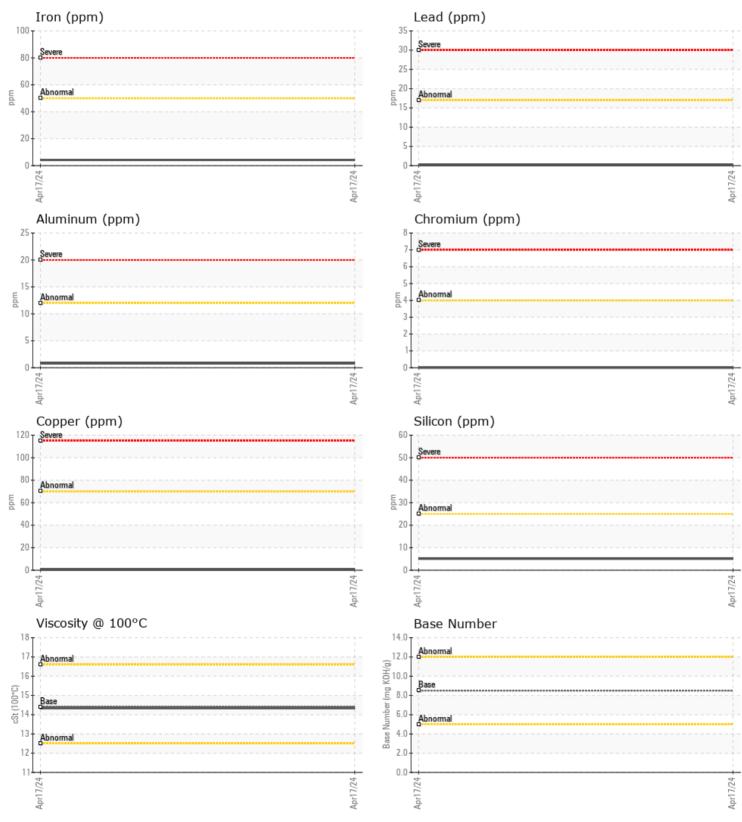
Signed: Doug Bogart Report Date: 18 Apr 2024



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP208659 [WUSCAR] 06153583 (Generated: 04/18/2024 16:46:40) Rev: 1

Contact/Location: KYLE GRASER - VP208659