## **OIL ANALYSIS REPORT**

### JOE PLACE R815409M CUMMINS/ONAN JOE PLACE (S/N NOT GIVEN) - GENSET

Sample No: VPA060583

Oil Type: SHELL ROTELLA T 15W40

#### SAMPLE INFORMATION

Sample Number		VPA060583	 	
Sample Date		30 Oct 2023	 	
Machine Hours		378	 	
Oil Hours		100	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.9	 	
Base Number (BN)	mg KOH/g	8.9	 	
Oxidation (PA)	%	64	 	
CONTAMINATION				
CONTAMINATION				
Soot %	%	0	 	
Nitration (PA)	%	48	 	
Sulfation (PA)	%	54	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	7	 	
Sodium	ppm	0	 	
Potassium	ppm	3	 	
WEAR METALS				
		_		

Iron	ppm	■ <1	 	
Copper	ppm	<b>■</b> <1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	<b>11</b>	 	
Nickel	ppm	■<1	 	
Titanium	ppm	<1	 	
Silver	ppm	□ <1	 	
Manganese	ppm	□ <1	 	
Vanadium	ppm	<1	 	

#### AD<u>DITIVES</u>

Calcium	ppm	<b>1901</b>	 	
Magnesium	ppm	164	 	
Zinc	ppm	<b>1185</b>	 	
Phosphorus	ppm	995	 	
Barium	ppm	0	 	
Boron	ppm	137	 	

Power Products Systems LLC

432 Warren Avenue, 432 Warren Ave. PORTLAND, ME US 04103 Contact: Cody Clemens cclemens@powerprodsys.com T: 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:
 VP153549

 Unique No:
 10724902

 Signed:
 Sean Felton

 Report Date:
 03 Nov 2023

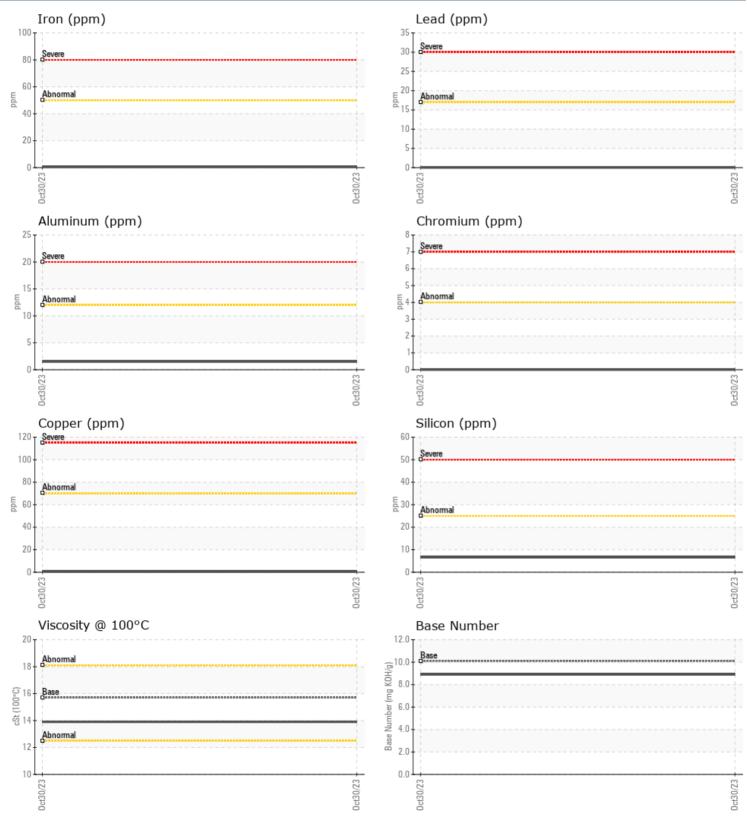
Contact/Location: Cody Clemens - VP153549



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP153549 [WUSCAR] 05996542 (Generated: 11/03/2023 14:50:59) Rev: 1

Contact/Location: Cody Clemens - VP153549