OIL ANALYSIS REPORT

BRANDON ARLINGTON 6454 VOLVO PENTA KAD300A-B 2300073423 - DIESEL ENGINE

Sample No: VPA060543

Oil Type: NOT GIVEN

SAMPLE INFORMATION

SAMPLE INFURMA	IUN			
Sample Number		VPA060543		
Sample Date		30 Nov 2023		
Machine Hours		225		
Oil Hours		0		
Oil Changed		Not Changd		
Sample Status		ABNORMAL		
Sumple Status		ADITORIMAL	_	
OIL CONDITION				
Visc @ 100°C	cSt	13.8		
Base Number (BN)	mg KOH/g	9.1		
Oxidation (PA)	%	66		
CONTAMINATION				
Water	%	NEG		
Soot %	%	0.6		
Nitration (PA)	%	68		
Sulfation (PA)	%	60		
Glycol	%	NEG		
Fuel	%	<1.0		
Silicon	ppm	1 0		
Sodium	ppm	5		
Potassium	ppm	2		
WEAR METALS				
Iron	ppm	95		
Copper	ppm	6		
Lead	ppm	1		
Tin	ppm	1		
Aluminum	ppm	▲ 114		
Chromium	ppm	7		
Molybdenum	ppm	□ 118		
Nickel	ppm	<u> </u>		
Titanium	ppm	 <1		
Silver	ppm	□ <1		
Manganese	ppm	2		
Vanadium	ppm	<1		
ADDITIVES				
Calcium	ppm	1497		
Magnesium		701		
Zinc	ppm	914		
Phosphorus	ppm	766		
•	ppm			
Barium	ppm	0		



Northwest Diesel Power

1325 ROEDER AVE SUITE 103 BELLINGHAM, WA US 98225 Contact: BRANDON ROBERTSON parts@nwdieselpower.com T: F:

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.The aluminum level is abnormal. Piston wear is indicated. Valve wear is indicated. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil.

 Depot:
 VP759009

 Unique No:
 10768731

 Signed:
 Jonathan Hester

 Report Date:
 06 Dec 2023

309

ppm

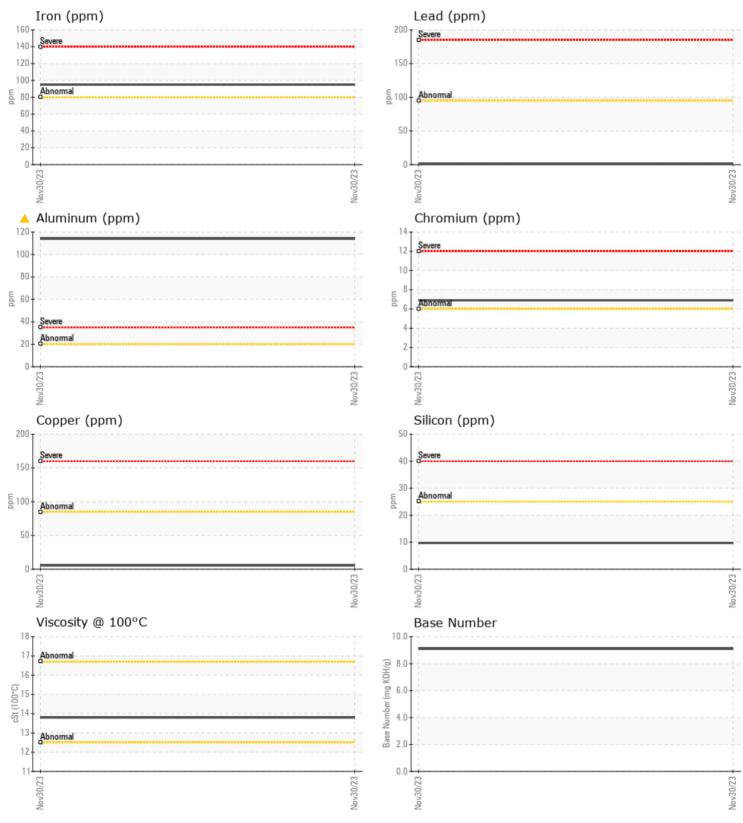
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Contact/Location: BRANDON ROBERTSON - VP759009

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP759009 [WUSCAR] 06024231 (Generated: 12/08/2023 15:45:17) Rev: 1

Contact/Location: BRANDON ROBERTSON - VP759009