# **OIL ANALYSIS REPORT**

#### PERKINS X20462B - INDUSTRIAL - GENSET FSC 14181

Sample No: VPA055049 **Oil Type:** 

LUB 15W40

### SAMPLE INFORMATION

Sample Number		VPA055049	 	
Sample Date		05 Jul 2023	 	
Machine Hours		267	 	
Oil Hours		267	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.5	 	
Base Number (BN)	mg KOH/g	7.6	 	
Oxidation (PA)	%	53	 	
CONTAMINATION				
CONTAMINATION				
Soot %	%	0.2	 	
Nitration (PA)	%	68	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	3	 	
Sodium	ppm	■ <1	 	
Potassium	ppm	<b>■</b> <1	 	

## WEAR METALS

Iron	ppm	3	 	
Copper	ppm	<b>1</b>	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	■ <1	 	
Chromium	ppm		 	
Molybdenum	ppm	75	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	<1	 	

#### ADDITIVES

Calcium	ppm	2094	 	
Magnesium	ppm	103	 	
Zinc	ppm	1192	 	
Phosphorus	ppm	987	 	
Barium	ppm	0	 	
Boron	ppm	52	 	

#### **PARTS & POWER**

PO BOX 1305498, PMB1000-00 ST THOMAS, VI US 00803 Contact: KARIM PERSAUD info@partsandpower.com T: (284)494-2830 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 acceptable for the time in service.

Depot: VP981217 Unique No: 10585769 Signed: Sean Felton Report Date: 03 Aug 2023

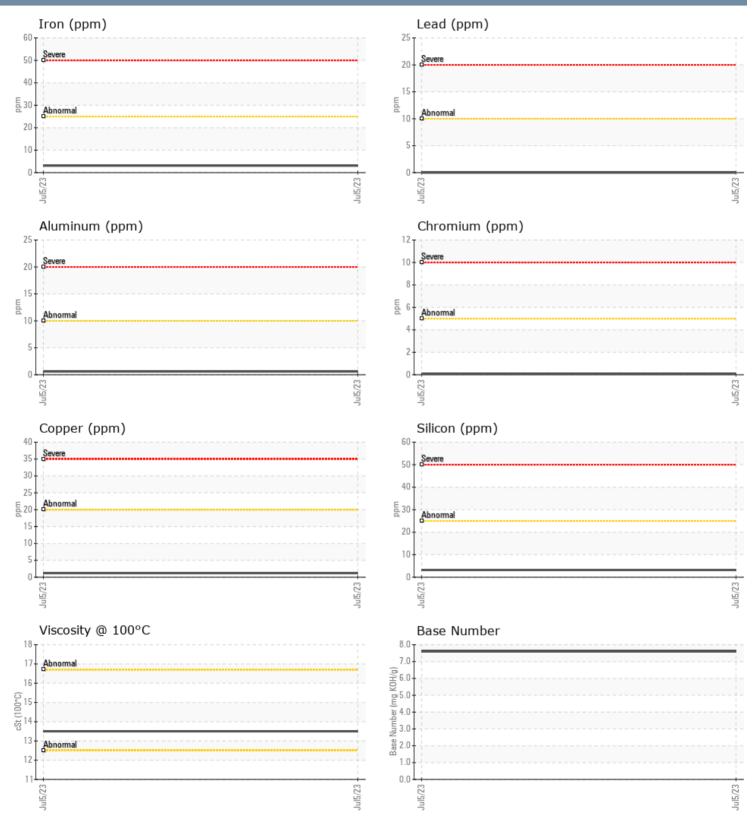
Contact/Location: KARIM PERSAUD - VP981217



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#### GRAPHS



Contact/Location: KARIM PERSAUD - VP981217