# **CONSTRUCTION EQUIPMENT**

# 412528 - Diesel Engine

Sample No: **Oil Type:** 

LHMC124481 NOT GIVEN

# **SAMPLE INFORMATION**

Sample Number	LHMC124481	 	
Sample Date	19 Sep 2023	 	
Machine Hours	0	 	
Oil Hours	0	 	
Oil Changed	N/A	 	
Sample Status	NORMAL	 	
A			

OIL CC			
Visc @ 100°C	cSt	<b>14.6</b>	
Base Number (BN)	mg KOH/g	0 12.8	
Oxidation (PA)	%	51	

Soot %	%	0.1				
Nitration (PA)	%	38				
Sulfation (PA)	%	47				
Glycol	%	NEG				
Fuel	%	<1.0				
Silicon	ppm	05				
Sodium	ppm	0 21				
Potassium	ppm	0 2				

## WEAR METALS

Iron	ppm	04	 	
Copper	ppm	<b>○</b> <1	 	
Lead	ppm	0 🔘	 	
Tin	ppm	0 🔘	 	
Aluminum	ppm	0 🔘	 	
Chromium	ppm	<mark>○</mark> <1	 	
Molybdenum	ppm	<b>5</b> 5	 	
Nickel	ppm	0 🔘	 	
Titanium	ppm	0	 	
Silver	ppm	<b>○</b> <1	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	0 1057				
Magnesium	ppm	<b>991</b>				
Zinc	ppm	0 1357				
Phosphorus	ppm	0 1044				
Barium	ppm	0 🔘				
Boron	ppm	0 17				





#### FINKBINER EQUIPMENT

3501 N. MAIN ST EAST PEORIA, IL US 61611 Contact: ZACH WAKID zwakid@finkbiner.com T: (309)863-4831 F:

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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: FINEASIL Unique No: 10662798 Wes Davis Signed: Report Date: 27 Sep 2023

Report Id: FINEASIL [WUSCAR] 05961585 (Generated: 09/27/2023 18:19:25) Rev: 1

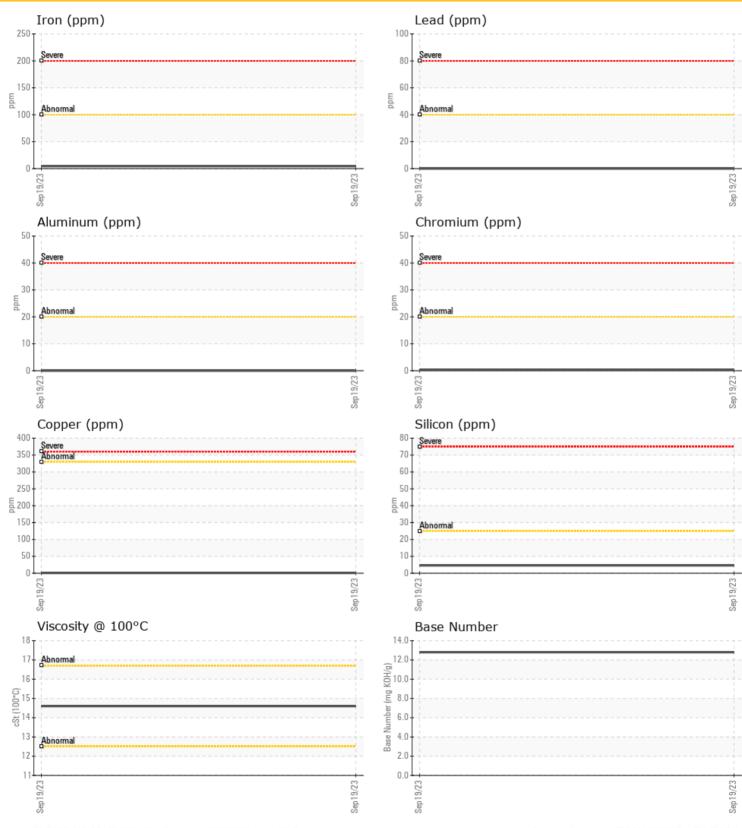
Contact/Location: ZACH WAKID - FINEASIL





GRAPHS

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Report Id: FINEASIL [WUSCAR] 05961585 (Generated: 09/27/2023 18:19:28) Rev: 1

Contact/Location: ZACH WAKID - FINEASIL