

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR PR716 018429-1422 - Diesel Engine

Sample No: LH0288277

Oil Type: LIEBHERR MOTOROIL 5W30



**COLOURED AGGREGATES INC.**  
 158 DON HILLOCK DRIVE,, UNIT 12-13  
 AURORA, ON  
 CA L4G 0H6  
 Contact: Jeff Oravec  
 Jeff@colouredaggregates.com  
 T: (416)491-0230  
 F:



#### Sample Information

Sample Number	LH0288277	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	886	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



#### Oil Condition

Visc @ 100°C	cSt	11.8	---	---	---
Oxidation (PA)	%	148	---	---	---



#### Contamination

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	85	---	---	---
Sulfation (PA)	%	90	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	46	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	1	---	---	---



#### Wear Metals

Iron	ppm	28	---	---	---
Copper	ppm	34	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	42	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	1754	---	---	---
Magnesium	ppm	731	---	---	---
Zinc	ppm	969	---	---	---
Phosphorus	ppm	785	---	---	---
Barium	ppm	4	---	---	---
Boron	ppm	96	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: COL158AUR  
 Unique No: 5762589  
 Signed: Kevin Marson  
 Report Date: 17 Apr 2024



### Graphs

