

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L580 1414-56018 - Swing Drive

Sample No: LH0158447

Oil Type: GEAR OIL SAE 80W140



#### SAMPLE INFORMATION

Sample Number	LH0158447	---	---	---
Sample Date	18 Jan 2022	---	---	---
Machine Hours	10000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**VERSO CORP - QUINNESEC MILL**  
 W6791 US HWY 2  
 QUINNESEC, MI  
 US 49876  
 Contact: ERIC LARSON  
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 T:  
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#### OIL CONDITION

Visc @ 40°C	cSt	● 249	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 0	---	---	---

#### 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 condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	● 24	---	---	---
Copper	ppm	● 8	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

Calcium	ppm	● 20	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 10	---	---	---
Phosphorus	ppm	● 1864	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 100	---	---	---

**Depot:** VERQUI  
**Unique No:** 9815396  
**Signed:** Don Baldrige  
**Report Date:** 19 Jan 2022



### GRAPHS

