

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH80M 1218-157090 - Swing Drive

Sample No: LH0282897

Oil Type: SAE 30W



#### SAMPLE INFORMATION

Sample Number	LH0282897	---	---	---
Sample Date	19 Mar 2024	---	---	---
Machine Hours	545	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---

#### KINDER MORGAN

4301 IVERSON  
TRINITY, AL  
US 35601  
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T:  
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#### OIL CONDITION

Visc @ 40°C	cSt	185	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	1	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	2	---	---	---



#### WEAR METALS

Iron	ppm	135	---	---	---
Copper	ppm	38	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	3	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIVES

Calcium	ppm	34	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	13	---	---	---
Phosphorus	ppm	2102	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	4	---	---	---

#### 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 oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: KINTRI  
Unique No: 10950649  
Signed: Don Baldrige  
Report Date: 01 Apr 2024



### GRAPHS

