

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 143683-1253 - Transmission (Manual)

Sample No: LH

Oil Type: PETRO CANADA DURON SHP 10W30



#### SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**SCIERIE MARTEL LTEE**  
 3000 ROUTE DU LAC EST  
 ALMA, QC  
 CA G8B 5V2  
 Contact: Alain Bauchard



#### OIL CONDITION

Visc @ 40°C	cSt	46.8	---	---	---
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T: (418)668-3366  
 F: (418)668-2071



#### CONTAMINATION

Silicon	ppm	5	---	---	---
Sodium	ppm	39	---	---	---
Potassium	ppm	4	---	---	---

#### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was specified as PETRO CANADA DURON SHP 10W30, however, a fluid match indicates that this fluid is SAE 10W Transmission/Drive Train Oil. Please confirm the fluid type and grade on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 10W range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the fluid is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	36	---	---	---
Copper	ppm	43	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	30	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIVES

Calcium	ppm	3333	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	1161	---	---	---
Phosphorus	ppm	1152	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	3	---	---	---

Depot: SCIALM  
 Unique No: 5642513  
 Signed: Kevin Marson  
 Report Date: 12 Sep 2023



### GRAPHS

