

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 152152-1216 - Swing Drive

Sample No: LH0271499

Oil Type: GEAR OIL SAE 80W90



SCIERIE DION & FILS INC
 147 RUE ST-ALEXIS
 ST.RAYMOND, QC
 CA G3L 1S1
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SAMPLE INFORMATION

Sample Number	LH0271499	---	---	---
Sample Date	11 Sep 2023	---	---	---
Machine Hours	630	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

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

Silicon	ppm	● 10	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● <1	---	---	---



WEAR METALS

Iron	ppm	● 263	---	---	---
Copper	ppm	● 178	---	---	---
Lead	ppm	● 5	---	---	---
Tin	ppm	● 20	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 3	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 25	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 37	---	---	---
Phosphorus	ppm	● 2407	---	---	---
Barium	ppm	● 14	---	---	---
Boron	ppm	● 10	---	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) GEAR OIL SAE 80W90. Veuillez confirmer. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: SCISTR
 Unique No: 5645541
 Signed: Bill Quesnel
 Report Date: 21 Sep 2023



GRAPHS

