

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 152152-1216 - Front Differential

Sample No: LH0277328

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	LH0277328	LH0271474	LH0271393	---
Sample Date	22 Jan 2024	04 Oct 2023	11 Sep 2023	---
Machine Hours	2579	1021	630	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	193	194	139	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	1	5	---
Sodium	ppm	2	2	4	---
Potassium	ppm	<1	0	0	---



WEAR METALS

Iron	ppm	6	2	8	---
Copper	ppm	7	6	60	---
Lead	ppm	<1	<1	2	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	0	0	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	4	6	12	---
Magnesium	ppm	<1	0	1	---
Zinc	ppm	9	7	44	---
Phosphorus	ppm	2302	2210	1915	---
Barium	ppm	0	<1	5	---
Boron	ppm	1	5	141	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. 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: 5721689
 Signed: Wes Davis
 Report Date: 31 Jan 2024



GRAPHS

