

LIEBHERR

CONSTRUCTION EQUIPMENT



[[587532]] LIEBHERR LH50M 152152-1216 - Diesel Engine

Sample No: LH0277269

Oil Type: DIESEL ENGINE OIL SAE 40



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

Sample Number	LH0277269	LH0265474	---	---
Sample Date	22 Nov 2023	11 Sep 2023	---	---
Machine Hours	1804	630	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---



OIL CONDITION

Visc @ 100°C	cSt	12.9	11.9	---	---
Oxidation (PA)	%	73	203	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0	0	---	---
Nitration (PA)	%	73	101	---	---
Sulfation (PA)	%	55	109	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	1.3	---	---
Silicon	ppm	8	9	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	0	2	---	---



WEAR METALS

Iron	ppm	4	10	---	---
Copper	ppm	8	234	---	---
Lead	ppm	<1	8	---	---
Tin	ppm	0	1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	57	48	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1022	1336	---	---
Magnesium	ppm	948	972	---	---
Zinc	ppm	1168	895	---	---
Phosphorus	ppm	945	783	---	---
Barium	ppm	<1	48	---	---
Boron	ppm	2	65	---	---

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) DIESEL ENGINE OIL SAE 40. 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: 5684349
 Signed: Wes Davis
 Report Date: 28 Nov 2023



GRAPHS

