

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 088797-1203 - Front Differential

Sample No: LH0269894

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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

Sample Number	LH0269894	LH0256231	LH0227097	LH0177581
Sample Date	21 Aug 2023	04 May 2023	14 Apr 2022	14 May 2021
Machine Hours	12427	12167	11387	10000
Oil Hours	0	0	0	0
Oil Changed	Not Changd	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	106	192	110	192
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CONTAMINATION

Silicon	ppm	2	2	3	1
Sodium	ppm	<1	3	<1	3
Potassium	ppm	<1	<1	1	<1



WEAR METALS

Iron	ppm	3	20	39	9
Copper	ppm	<1	2	4	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	0	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	12	2	13	3
Magnesium	ppm	2	<1	4	<1
Zinc	ppm	15	4	11	3
Phosphorus	ppm	1302	2512	1549	2363
Barium	ppm	0	<1	0	<1
Boron	ppm	318	9	278	8

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: 5630633
Signed: Wes Davis
Report Date: 22 Aug 2023



GRAPHS

