

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 112212-1217 - Rear Differential

Sample No: LH0269833

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



ARCELORMITTAL LONG PRODUITS CANADA
3185 ROUTE MARIE-VICTORIN
CONTRECOEUR, QC
CA J0L 1C0
Contact: Danny Drouin
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SAMPLE INFORMATION

Sample Number	LH0269833	LH0238758	LH0242990	LH0225191
Sample Date	26 Aug 2023	19 Apr 2023	13 Jan 2023	28 Aug 2022
Machine Hours	10300	9262	8735	7991
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	105	106	107	107
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CONTAMINATION

Silicon	ppm	3	2	3	3
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	<1	0	0



WEAR METALS

Iron	ppm	7	7	6	7
Copper	ppm	3	3	2	6
Lead	ppm	<1	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3	6	8	28
Magnesium	ppm	<1	0	0	1
Zinc	ppm	8	12	12	14
Phosphorus	ppm	1418	1499	1488	1362
Barium	ppm	0	0	0	0
Boron	ppm	277	289	288	266

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: MITCON
Unique No: 5633149
Signed: Wes Davis
Report Date: 01 Sep 2023



GRAPHS

