

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 112212-1217 - Front Differential

Sample No: LH0274255

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



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

Sample Number	LH0274255	LH0269832	LH0238759	LH0242989
Sample Date	05 Nov 2023	26 Aug 2023	18 Apr 2023	13 Jan 2023
Machine Hours	10681	10300	9262	8735
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	106	105	107	107



CONTAMINATION

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



WEAR METALS

Element	Unit	3	5	5	4
Iron	ppm	3	5	5	4
Copper	ppm	1	6	6	4
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	Unit	8	3	12	7
Calcium	ppm	8	3	12	7
Magnesium	ppm	<1	<1	0	<1
Zinc	ppm	7	9	16	13
Phosphorus	ppm	1313	1390	1484	1505
Barium	ppm	<1	0	0	0
Boron	ppm	280	273	286	294

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: 5672493
Signed: Wes Davis
Report Date: 09 Nov 2023



GRAPHS

