

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 112212-1217 - Front Right Wheel Hub

Sample No: LH0279441

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	LH0279441	LH0269835	LH0238756	LH0235264
Sample Date	05 Nov 2023	26 Aug 2023	19 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	104	99.5	103	101
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CONTAMINATION

Silicon	ppm	3	6	10	7
Sodium	ppm	1	<1	1	<1
Potassium	ppm	<1	<1	<1	0



WEAR METALS

Iron	ppm	21	34	33	36
Copper	ppm	7	11	4	9
Lead	ppm	<1	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	2	2
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	9	7	16	21
Magnesium	ppm	<1	2	2	2
Zinc	ppm	12	16	13	20
Phosphorus	ppm	1324	1433	1509	1490
Barium	ppm	<1	0	<1	0
Boron	ppm	280	278	282	285

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: 5672498
Signed: Wes Davis
Report Date: 09 Nov 2023



GRAPHS

