

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 120282-1218 - Rear Right Wheel Hub

Sample No: LH0279401

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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

Sample Number	LH0279401	LH0280273	LH0269983	LH0261219
Sample Date	12 Jan 2024	02 Dec 2023	27 Sep 2023	01 Jul 2023
Machine Hours	12934	12550	11869	11397
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	104	104	105



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	4	4	4
Sodium	ppm	2	4	5	4
Potassium	ppm	<1	<1	<1	1



WEAR METALS

Iron	ppm	9	24	25	20
Copper	ppm	1	3	3	2
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	25	8	8	7
Magnesium	ppm	<1	1	1	2
Zinc	ppm	15	13	14	13
Phosphorus	ppm	1375	1389	1397	1481
Barium	ppm	0	<1	<1	0
Boron	ppm	257	254	235	256

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: 5710184
Signed: Wes Davis
Report Date: 16 Jan 2024



GRAPHS

