

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 112349-1253 - Front Left Wheel Hub

Sample No: LH0274577

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



MONAGHAN MUSHROOMS LTD
 7345 GUELPH LINE
 CAMPBELLVILLE, ON
 CA L0P 1B0
 Contact: Steven Cargill
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 T:
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SAMPLE INFORMATION

Sample Number	LH0274577	LH0251436	LH0239551	LH0227664
Sample Date	30 Aug 2023	16 Jan 2023	25 Jul 2022	18 Mar 2022
Machine Hours	10003	8336	7203	6226
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	101	101	103	103
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CONTAMINATION

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



WEAR METALS

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



ADDITIVES

Calcium	ppm	21	23	28	8
Magnesium	ppm	2	1	2	2
Zinc	ppm	12	9	11	8
Phosphorus	ppm	1305	1296	1229	1307
Barium	ppm	<1	<1	<1	0
Boron	ppm	308	306	310	320

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: MONCAM
 Unique No: 5632812
 Signed: Wes Davis
 Report Date: 31 Aug 2023



GRAPHS

