

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH26M 124532-1252 - Rear Left Wheel Hub

Sample No: LH0288071

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Amix Recycling
 11698 140 Street
 Surrey, BC
 CA V3R 2V4
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Sample Information

Sample Number	LH0288071	LH0181023	LH0181010	LH0214968
Sample Date	22 Apr 2024	08 Sep 2023	10 Jan 2023	04 Apr 2022
Machine Hours	3152	4078	3035	1978
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



Oil Condition

Visc @ 40°C	cSt	95.5	97.7	98.2	93.6



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	<1	1	1
Sodium	ppm	2	2	2	1
Potassium	ppm	<1	<1	<1	<1



Wear Metals

Iron	ppm	10	8	7	7
Copper	ppm	3	3	2	3
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	92	83	76	140
Magnesium	ppm	2	2	2	2
Zinc	ppm	29	28	27	83
Phosphorus	ppm	1233	1287	1346	1224
Barium	ppm	<1	0	0	0
Boron	ppm	305	300	317	294

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: AMI116SUR
Unique No: 5774043
Signed: Wes Davis
Report Date: 02 May 2024



Graphs

