

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH26M 124532-1252 - Front Left Wheel Hub

Sample No: LH0288063

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	LH0288063	LH0181021	LH0181008	LH0180995
Sample Date	22 Apr 2024	08 Sep 2023	10 Jan 2023	04 Apr 2022
Machine Hours	5135	4078	3035	1978
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION



Oil Condition

Visc @ 40°C	cSt	91.8	94.5	87.3	79.5
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	1	2	2
Sodium	ppm	7	7	8	10
Potassium	ppm	<1	2	<1	<1



Wear Metals

Iron	ppm	17	14	20	19
Copper	ppm	7	6	9	10
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	1	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	337	322	625	1172
Magnesium	ppm	3	3	3	4
Zinc	ppm	150	148	261	484
Phosphorus	ppm	1202	1246	1290	1227
Barium	ppm	<1	<1	<1	<1
Boron	ppm	255	256	234	209

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: 5774044
 Signed: Wes Davis
 Report Date: 02 May 2024



Graphs

