

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH26M 124532-1252 - Rear Differential

Sample No: LH0288065

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



**Amix Recycling**  
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 Surrey, BC  
 CA V3R 2V4  
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#### Sample Information

Sample Number	LH0288065	LH0181016	LH0181003	LH0180990
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	NORMAL



#### Oil Condition

Visc @ 40°C	cSt	95.7	97.9	98.2	93.8



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	<1	1	1
Sodium	ppm	2	2	2	1
Potassium	ppm	<1	<1	0	<1



#### Wear Metals

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



#### Additives

Calcium	ppm	84	82	78	140
Magnesium	ppm	2	2	2	1
Zinc	ppm	27	28	28	84
Phosphorus	ppm	1209	1283	1326	1239
Barium	ppm	0	0	0	0
Boron	ppm	300	301	313	292

#### 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: 5774002  
 Signed: Wes Davis  
 Report Date: 02 May 2024



### Graphs

