

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30 1200-72683 - Rear Left Wheel Hub

Sample No: LH06063165

Oil Type: GEAR OIL SAE 80W90



SPARTAN RECYCLING
 3071 HOWARD ST
 SPARTANBURG, SC
 US 29303
 Contact: SERVICE MANAGER



SAMPLE INFORMATION

Sample Number	LH06063165	LH0235768	LHMC144976	LH0157896
Sample Date	12 Jan 2024	27 Sep 2023	12 Feb 2021	27 May 2020
Machine Hours	14822	14249	11626	11158
Oil Hours	0	0	0	500
Oil Changed	Changed	N/A	N/A	Changed
Sample Status	NORMAL	ATTENTION	ATTENTION	ATTENTION



OIL CONDITION

Visc @ 40°C	cSt	133	95.9	97.3	98.5
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T:
F:



CONTAMINATION

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

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.



WEAR METALS

Iron	ppm	9	29	20	14
Copper	ppm	<1	2	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	<1	<1	1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	18	23	27	23
Magnesium	ppm	2	8	6	7
Zinc	ppm	0	0	8	0
Phosphorus	ppm	355	360	401	319
Barium	ppm	2	0	0	0
Boron	ppm	<1	1	6	7

Depot: SPASPALH
Unique No: 10834547
Signed: Wes Davis
Report Date: 18 Jan 2024



GRAPHS

