

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30 115841-1253 - Splitter Box

Sample No: LH06063160

Oil Type: GEAR OIL SAE 80W90



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



SAMPLE INFORMATION

Sample Number	LH06063160	LH0235733	DJJ0011134	LHMC133950
Sample Date	11 Jan 2024	28 Sep 2023	22 May 2023	02 Sep 2022
Machine Hours	11390	10707	2000	7815
Oil Hours	0	0	2000	500
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION



OIL CONDITION

Visc @ 40°C	cSt	121	110	104	78.6
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	17	8	11
Sodium	ppm	0	<1	0	<1
Potassium	ppm	2	3	2	2

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	38	76	11	26
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	5	<1	2
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	1	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	0	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	75	161	135	44
Magnesium	ppm	7	15	13	8
Zinc	ppm	0	43	46	8
Phosphorus	ppm	390	394	349	339
Barium	ppm	3	0	2	0
Boron	ppm	0	0	2	9

Depot: SPASPALH
Unique No: 10834542
Signed: Wes Davis
Report Date: 18 Jan 2024

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GRAPHS

