LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR A934C 061188-1419 - Swing Drive

Sample No: LH0272103

Oil Type: GEAR OIL SAE 80W90



CONTAMINATION							
Water	%	NEG	NEG	NEG	0.380		
Silicon	ppm	○ <1	O 1	<1	O 2		
Sodium	ppm	2	O 2	<1	O 1		
Potassium	ppm	0	O 0	1	 <1		
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WEA	R METALS				
Iron	ppm	129	O 91	O 145	258
Copper	ppm	93	O 57	59	40
Lead	ppm	0	0	0	O <1
Tin	ppm	3	O 2	3	O 2
Aluminum	ppm	0	O 0	O <1	O <1
Chromium	ppm	0 <1	O <1	O <1	3
Molybdenum	ppm	() <1	O <1	<1	3
Nickel	ppm	0	O 0	O <1	O <1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	() <1	O <1	1	3
Vanadium	ppm	0	<1	0	0

Vanadium	ppm	0	<1	0	0
WII.					
ADDI	TIVES				
Calcium	ppm	0 0	O 19	40	O 44
Magnesium	ppm	0	O 4	15	14
Zinc	ppm	0	O 11	25	○ 30
Phosphorus	ppm	877	○ 896	980	○ 859
Barium	ppm	0	0	0	O
Boron	ppm	1	4	3	9





NORTHERN METAL RECYCLING

2800 PACIFIC ST N MINNEAPOLIS, MN US 55411

Contact: CHRIS GILMER chris.gilmer@emrgroup.com

T: (612)305-7338

F:

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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: NORMINLH
Unique No: 10924336
Signed: Wes Davis
Report Date: 12 Mar 2024

CONSTRUCTION EQUIPMENT





GRAPHS

