

LIEBHERR

CONSTRUCTION EQUIPMENT



[GREEN METALS] LIEBHERR A924C073594 - Swing Drive

Sample No: LH0270325

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0270325	LH	LH	LH0169970
Sample Date	12 Oct 2023	19 Jan 2022	12 Mar 2021	15 Jun 2020
Machine Hours	22130	19940	19006	17996
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

GREEN METALS CANADA

224 BEARDS LANE
WOODSTOCK, ON
CA N4S 7W3

Contact: Jamie Depotie
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OIL CONDITION

Visc @ 40°C	cSt	98.2	103	103	101
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CONTAMINATION

Silicon	ppm	<1	1	<1	0
Sodium	ppm	2	<1	<1	0
Potassium	ppm	2	<1	<1	<1



WEAR METALS

Iron	ppm	98	56	111	14
Copper	ppm	42	37	57	4
Lead	ppm	1	1	2	<1
Tin	ppm	<1	<1	1	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	10	9	10	8
Magnesium	ppm	1	1	<1	1
Zinc	ppm	10	6	10	16
Phosphorus	ppm	1204	1284	1175	1251
Barium	ppm	0	0	0	0
Boron	ppm	315	309	291	308

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: GRE224WOO
Unique No: 5658076
Signed: Wes Davis
Report Date: 13 Oct 2023



GRAPHS

