

LIEBHERR

CONSTRUCTION EQUIPMENT



062154-1049 - Swing Drive

Sample No: LH0123036

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0123036	LH0203040	LH0222349	LH0215986
Sample Date	26 Oct 2023	22 Jun 2023	10 May 2022	11 Nov 2021
Machine Hours	12421	12090	11897	11462
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Changd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal

2555 Sheffield Road
Ottawa, ON
CA K1B 3V6
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OIL CONDITION

Visc @ 40°C	cSt	97.5	99.8	100	93.9
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CONTAMINATION

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



WEAR METALS

Iron	ppm	24	13	22	41
Copper	ppm	13	4	4	14
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	16	15	11	20
Magnesium	ppm	1	1	<1	<1
Zinc	ppm	26	18	19	38
Phosphorus	ppm	1228	1237	1312	1362
Barium	ppm	<1	0	0	0
Boron	ppm	301	309	323	270

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: BAKOTT
Unique No: 5670425
Signed: Wes Davis
Report Date: 01 Nov 2023

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GRAPHS

