

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A944C063266 - Swing Drive

Sample No: LH0274441

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

Sample Number	LH0274441	LH	LH0130343	LH0123984
Sample Date	04 Aug 2023	21 Mar 2019	13 Jul 2018	28 Feb 2018
Machine Hours	19020	12983	11950	11203
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Posner Metals

610 Beach Rd.
Hamilton, ON
CA L8H 3L1
Contact: Oscar Riano
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OIL CONDITION

Visc @ 40°C	cSt	92.4	96.2	95.3	103
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CONTAMINATION

Silicon	ppm	3	3	1	3
Sodium	ppm	9	17	<1	1
Potassium	ppm	<1	0	0	<1



WEAR METALS

Iron	ppm	472	71	49	22
Copper	ppm	103	28	62	15
Lead	ppm	2	<1	2	<1
Tin	ppm	1	0	0	0
Aluminum	ppm	<1	<1	0	0
Chromium	ppm	2	<1	0	<1
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	3	0	0
Manganese	ppm	3	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	6	12	8	<1
Magnesium	ppm	<1	8	4	<1
Zinc	ppm	29	15	8	2
Phosphorus	ppm	1508	1215	1264	1405
Barium	ppm	<1	10	0	0
Boron	ppm	228	305	312	241

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: POSHAM
Unique No: 5619973
Signed: Wes Davis
Report Date: 09 Aug 2023

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GRAPHS

