

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934 044096 - Swing Drive

Sample No: LH0260454

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



Rypac Aluminum Recycling
 11849 Tannery Road
 Surrey, BC
 CA V3V 3W8
 Contact: Craig Merritt
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 T:
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SAMPLE INFORMATION

Sample Number	LH0260454	LH0206352	LH0173117	LH0109130
Sample Date	20 Jun 2023	16 Jul 2021	24 Jun 2020	19 Nov 2016
Machine Hours	28300	24561	22582	17184
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	94.1	92.9	93.7	98.0
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CONTAMINATION

Silicon	ppm	1	2	<1	4
Sodium	ppm	<1	0	0	1
Potassium	ppm	<1	<1	<1	0



WEAR METALS

Iron	ppm	206	188	210	540
Copper	ppm	68	57	68	46
Lead	ppm	2	2	2	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	1	6
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	2	1	2	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	9	8	8	8
Magnesium	ppm	2	1	2	0
Zinc	ppm	14	11	14	19
Phosphorus	ppm	1269	1393	1244	1414
Barium	ppm	0	0	0	0
Boron	ppm	280	337	293	201

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: RYPSUR
Unique No: 5604910
Signed: Wes Davis
Report Date: 04 Jul 2023



GRAPHS

