

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934 044096 - Splitter Box

Sample No: LH0281053

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0281053	LH0226691	LH0206353	LH0173116
Sample Date	15 Feb 2024	26 Apr 2022	16 Jul 2021	24 Jun 2020
Machine Hours	29318	26107	24561	22582
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Rypac Aluminum Recycling

11849 Tannery Road
Surrey, BC
CA V3V 3W8
Contact: Craig Merritt
rypac2@shaw.ca

T:
F:



OIL CONDITION

Visc @ 40°C	cSt	68.6	72.2	68.9	78.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	2	2	2
Sodium	ppm	1	1	2	<1
Potassium	ppm	1	<1	<1	<1



WEAR METALS

Iron	ppm	12	13	18	14
Copper	ppm	1	1	2	1
Lead	ppm	<1	<1	<1	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	<1	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	28	13	17	18
Magnesium	ppm	4	1	2	2
Zinc	ppm	152	135	175	127
Phosphorus	ppm	921	975	936	1005
Barium	ppm	0	0	<1	<1
Boron	ppm	191	187	136	171

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: RYPSUR
Unique No: 5734584
Signed: Wes Davis
Report Date: 22 Feb 2024



GRAPHS

