

LIEBHERR

CONSTRUCTION EQUIPMENT



[[560036]] LIEBHERR A934 060317 - Slewing Gearbox

Sample No: LH0224999

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



RICHMOND STEEL
12707 170 STREET
EDMONTON, AB
CA T5V 1L9
Contact: Sandor Arguello

T: (780)447-3391
F:

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.



SAMPLE INFORMATION

Sample Number	LH0224999	LH0224828	---	---
Sample Date	08 May 2023	01 Feb 2023	---	---
Machine Hours	12455	12127	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 103	● 97.5	---	---
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CONTAMINATION

Silicon	ppm	● 3	● 5	---	---
Sodium	ppm	● <1	● 2	---	---
Potassium	ppm	● <1	● <1	---	---



WEAR METALS

PQ		---	● 331	---	---
Iron	ppm	● 360	● 852	---	---
Copper	ppm	● 133	● 382	---	---
Lead	ppm	● 4	● 10	---	---
Tin	ppm	● 5	● 11	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	● 3	● 7	---	---
Molybdenum	ppm	● <1	● <1	---	---
Nickel	ppm	● <1	● 1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 3	● 7	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 11	● 17	---	---
Magnesium	ppm	● 1	● 2	---	---
Zinc	ppm	● 24	● 49	---	---
Phosphorus	ppm	● 1324	● 1321	---	---
Barium	ppm	● 0	● 0	---	---
Boron	ppm	● 198	106	---	---

Depot: RICEDM
Unique No: 5577361
Signed: Kevin Marson
Report Date: 09 May 2023



GRAPHS

