

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR 134249 -1 Slewing Gearbox

Sample No: LH0286368

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0286368	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	4909	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

WARD AND BURKE MICROTUNNELLING LTD
 9279 BARLOW TRAIL SE
 CALGARY, AB
 CA T2C 2N8
 Contact: Service Manager
 canadainfo@wardandburke.com
 T:
 F:



Oil Condition

Visc @ 40°C	cSt	● 109	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 0	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● <1	---	---	---

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.



Wear Metals

Iron	ppm	● 3	---	---	---
Copper	ppm	● 0	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 25	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 15	---	---	---
Phosphorus	ppm	● 1198	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 278	---	---	---

Depot: WARCAL
 Unique No: 5776490
 Signed: Wes Davis
 Report Date: 14 May 2024



Graphs

