

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 046356-1334 (S/N 046356-1467) - Swing Dri

Sample No: LH0277395

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0277395	LH0140615	---	---
Sample Date	04 Jan 2024	27 Mar 2019	---	---
Machine Hours	4931	929	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

MODERN CONSTRUCTION (1983) LTD.
 364 BRIGGS CROSS ROAD
 STILESVILLE, NB
 CA E1G 3G3
 Contact: Blaine Cail
 blaine.cail@moderngroup.ca
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	180	191	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● <1	● 8	---	---
Sodium	ppm	● 2	● 4	---	---
Potassium	ppm	● <1	● <1	---	---



WEAR METALS

Iron	ppm	● 184	● 72	---	---
Copper	ppm	● 10	● 68	---	---
Lead	ppm	● <1	● 2	---	---
Tin	ppm	● <1	● 2	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● 2	● <1	---	---
Molybdenum	ppm	● 0	● 1	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 1	● <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 10	● 29	---	---
Magnesium	ppm	● <1	● 6	---	---
Zinc	ppm	● 12	● 11	---	---
Phosphorus	ppm	2277	2174	---	---
Barium	ppm	● 0	● 0	---	---
Boron	ppm	15	8	---	---

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: MODSTI
 Unique No: 5708313
 Signed: Kevin Marson
 Report Date: 08 Jan 2024



GRAPHS

