

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 058216-1334 - Splitter Box

Sample No: LH0269547

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0269547	LH0224246	LH0195049	LH0194958
Sample Date	19 Jul 2023	21 Mar 2022	08 Nov 2021	17 Jun 2021
Machine Hours	7908	4963	0	3025
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	NORMAL	ABNORMAL	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	83.2	143	73.3	82.0
-------------	-----	------	-----	------	------



CONTAMINATION

Silicon	ppm	5	6	6	5
Sodium	ppm	2	1	<1	2
Potassium	ppm	<1	1	<1	<1



WEAR METALS

Iron	ppm	27	23	20	22
Copper	ppm	2	2	2	2
Lead	ppm	2	2	4	2
Tin	ppm	0	<1	<1	0
Aluminum	ppm	2	2	2	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	5	6	4	4
Nickel	ppm	7	5	5	4
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	215	189	394	219
Magnesium	ppm	4	2	5	3
Zinc	ppm	122	101	218	132
Phosphorus	ppm	1322	2080	1197	1199
Barium	ppm	<1	0	0	<1
Boron	ppm	191	58	227	203

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Nickel ppm levels are abnormal. The water content is negligible. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: MODSTI
 Unique No: 5619620
 Signed: Kevin Marson
 Report Date: 08 Aug 2023



GRAPHS

