

LIEBHERR

CONSTRUCTION EQUIPMENT



[(347076)] LIEBHERR L586 062518-1761 - Splitter Box

Sample No: LH0269535

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0269535	LH0234515	LH0238539	LH0224194
Sample Date	28 Aug 2023	17 Jan 2023	20 Aug 2022	30 Mar 2022
Machine Hours	7038	5327	4090	2924
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	ABNORMAL	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	73.6	64.7	88.8	138
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CONTAMINATION

Silicon	ppm	6	8	2	4
Sodium	ppm	1	<1	3	2
Potassium	ppm	<1	0	<1	1



WEAR METALS

Iron	ppm	25	24	25	37
Copper	ppm	4	5	<1	2
Lead	ppm	3	5	4	2
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	3	4	2	2
Chromium	ppm	1	1	<1	<1
Molybdenum	ppm	<1	<1	<1	2
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	291	531	408	224
Magnesium	ppm	4	5	4	2
Zinc	ppm	210	325	402	150
Phosphorus	ppm	1106	1063	1515	2163
Barium	ppm	0	0	0	0
Boron	ppm	199	127	10	39

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: 5632822
 Signed: Wes Davis
 Report Date: 31 Aug 2023



GRAPHS

