

LIEBHERR

CONSTRUCTION EQUIPMENT



[(347076)] LIEBHERR L586 062518-1761 - Transmission (Man

Sample No: LH0269528

Oil Type: PETRO CANADA DURATRAN



SAMPLE INFORMATION

Sample Number	LH0269528	LH0250259	LH0234514	LH0238540
Sample Date	09 Sep 2023	01 Feb 2023	17 Jan 2023	20 Aug 2022
Machine Hours	7038	5436	5327	4090
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	N/A	Changed
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	34.5	39.1	34.5	34.5
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CONTAMINATION

Silicon	ppm	9	8	9	8
Sodium	ppm	2	1	3	4
Potassium	ppm	2	<1	0	<1



WEAR METALS

Iron	ppm	19	8	17	13
Copper	ppm	1	<1	1	<1
Lead	ppm	<1	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	2	1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3538	3827	3478	3460
Magnesium	ppm	15	12	9	10
Zinc	ppm	1494	1496	1350	1345
Phosphorus	ppm	1309	1271	1172	1169
Barium	ppm	0	0	0	0
Boron	ppm	102	106	93	94

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid. The condition of the fluid is acceptable for the time in service.

Depot: MODSTI
 Unique No: 5643241
 Signed: Kevin Marson
 Report Date: 14 Sep 2023



GRAPHS

