

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0269654

Oil Type: PETRO CANADA DURATRAN



SAMPLE INFORMATION

Sample Number	LH0269654	LH0269528	LH0250259	LH0234514
Sample Date	19 Jan 2024	09 Sep 2023	01 Feb 2023	17 Jan 2023
Machine Hours	8083	7038	5436	5327
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	N/A
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	34.7	34.5	39.1	34.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	9	8	9
Sodium	ppm	<1	2	1	3
Potassium	ppm	1	2	<1	0



WEAR METALS

Iron	ppm	12	19	8	17
Copper	ppm	<1	1	<1	1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	1	2
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3683	3538	3827	3478
Magnesium	ppm	11	15	12	9
Zinc	ppm	1485	1494	1496	1350
Phosphorus	ppm	1252	1309	1271	1172
Barium	ppm	0	0	0	0
Boron	ppm	105	102	106	93

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. Viscosity of sample indicates oil is within SAE 70W80 range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: MODSTI
 Unique No: 5720286
 Signed: Kevin Marson
 Report Date: 26 Jan 2024



GRAPHS

