LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR L586 068244 - Transmission (Manual)

Sample No: LH0265761

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

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J	PLE INFO	RMATION			
Sample Number		LH0265761	LH0250038	LH0150846	LH0150838
Sample Date		21 Aug 2023	28 May 2023	30 Mar 2023	24 Jan 2023
Machine Hours		5330	4345	3398	2283
Oil Hours		0	0	0	0
Oil Changed		Not Changd	Changed	Not Changd	Changed
Sample Status		NORMAL	NORMAL	ABNORMAL	NORMAL
<u> </u>					
OILC	ONDITIO	N			
/isc @ 40°C	cSt	45.2	37.0	37.7	O 41.4
all l					
CONT	TAMINA	TION			
Silicon	ppm	9	0 9	0.7	0 8
Sodium	ppm	6	0.5	0 6	O 20
Potassium	ppm	0 1	0 2	0 2	O 3
	ρρ	.	U =	U =	0 0
WEA	R METAL	LS			
ron	ppm	6	O 10	O 6	O 15
Copper	ppm	0 <1	O 1	0 1	02
.ead	ppm	0 0	O <1	O <1	O <1
Γin	ppm	0	O 0	O 0	O 0
Aluminum	ppm	1	O 1	O <1	O 1
Chromium	ppm	0	O 0	0	O 0
Nolybdenum	ppm	0 0	O <1	0	O 0
Nickel	ppm	0 <1	O <1	O <1	O <1
itanium	ppm	0	<1	<1	<1
Silver	ppm	0	O 0	O 0	O 0
Manganese	ppm	0 <1	0 <1	O <1	0 <1
/anadium	ppm	0	0	0	0
ADD	ITIVES				
Calcium	ppm	3795	O 3838	O 3796	O 3640
/lagnesium	ppm	O 11	O 12	O 11	0 8
Zinc	ppm	1511	O 1499	O 1513	O 1445
Phosphorus	ppm	① 1325	O 1321	0 1308	O 1269
Barium	ppm	0	0 0	0 0	0 0
Boron	ppm	O 111	105	103	101
	12 10				



Gerdau - Mandak Metal Processors Ltd., 1 Railway St., P.O. Box 334 Selkirk, MB CA R1A 2B3

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Diagnosis

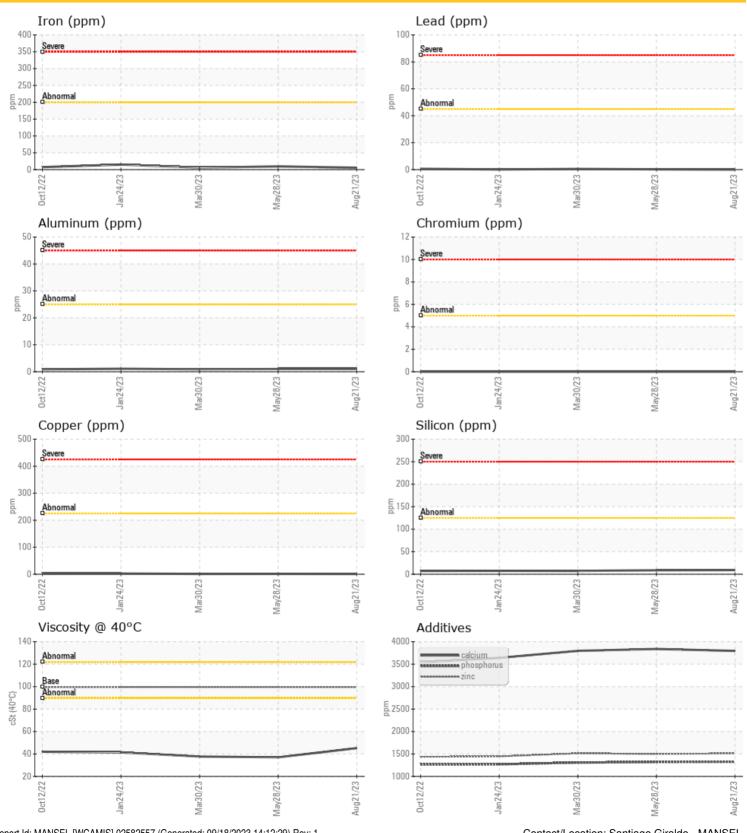
Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was specified as PETRO CANADA TRAXON 75W90 SYNTHETIC, however, a fluid match indicates that this fluid is SAE 75W80 Wet Brake Transaxle Oil. Please confirm the fluid type and grade on your next sample.All component wear rates are normal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 75W80 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the fluid is acceptable for the time in service.

Depot: MANSEL
Unique No: 5643622
Signed: Kevin Marson
Report Date: 15 Sep 2023





GRAPHS



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Contact/Location: Santiago Giraldo - MANSEL