

LIEBHERR

CONSTRUCTION EQUIPMENT



045705-1491 - Right Final Drive

Sample No: LH0281286

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Information sur l'échantillon

Número d'échant.	LH0281286	LH0265683	LH0213924	LH0215200
Date d'échant.	05 May 2024	01 May 2023	02 Dec 2022	07 Dec 2021
Heures de la Machine	5888	4919	3979	2976
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	MARGINAL	NORMAL	NORMAL	NORMAL

American Iron and Metal

1273 Kelly Lake Rd.

Sudbury, ON

CA P3E 5P5

Contact: Service Manager



État d'huile

Visc 40°C	cSt	98.5	99.1	98.1	107
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T:

F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	234	10	28	89
Sodium	ppm	21	6	14	30
Potassium	ppm	18	<1	3	7

Diagnostic

The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Nickel and titanium ppm levels are marginal. All other 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.



Métaux d'usure

PQ		80	---	---	---
Fer	ppm	697	36	102	144
Cuivre	ppm	5	<1	<1	1
Plomb	ppm	2	0	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	71	2	6	19
Chrome	ppm	6	<1	1	2
Molybdène	ppm	0	<1	<1	<1
Nickel	ppm	10	<1	1	2
Titane	ppm	5	<1	<1	2
Argent	ppm	0	0	0	<1
Manganèse	ppm	6	<1	<1	1
Vanadium	ppm	<1	0	<1	<1



Additifs

Calcium	ppm	84	56	107	344
Magnésium	ppm	24	3	4	12
Zinc	ppm	28	21	51	146
Phosphore	ppm	1243	1319	1364	1318
Baryum	ppm	3	8	7	7
Bore	ppm	288	317	261	216

Depot: AIMSUD

Unique No: 5776178

Signed: Kevin Marson

Report Date: 14 May 2024



Graphs

