

LIEBHERR

CONSTRUCTION EQUIPMENT



062154-1049 - Front Differential

Sample No: LH0291119

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Information sur l'échantillon

Número d'échant.	LH0291119	LH0123035	LH0202949	LH0222347
Date d'échant.	13 May 2024	26 Oct 2023	22 Jun 2023	10 May 2022
Heures de la Machine	12610	12421	12090	11897
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	N/A	Not Changd	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal

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État d'huile

Visc 40°C	cSt	101	99.5	96.7	99.9



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	2	1	<1	2
Sodium	ppm	1	<1	<1	<1
Potassium	ppm	0	0	<1	<1



Métaux d'usure

Fer	ppm	2	3	2	4
Cuivre	ppm	<1	<1	<1	<1
Plomb	ppm	0	0	0	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	0	0	0	0
Chrome	ppm	0	0	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	<1	0
Manganèse	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	6	6	6	3
Magnésium	ppm	1	<1	<1	0
Zinc	ppm	5	5	6	5
Phosphore	ppm	1031	1302	1340	1435
Baryum	ppm	0	0	0	0
Bore	ppm	209	299	305	311

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: BAKOTT

Unique No: 5785023

Signed: Wes Davis

Report Date: 15 May 2024



Graphs

