

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 094197-1216 - Rear Differential

Sample No: LH0284143

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0284143	LH0270004	LH0251219	LH0225157
Date d'échant.	18 Mar 2024	01 Nov 2023	13 Mar 2023	06 Oct 2022
Heures de la Machine	25297	23554	22266	21039
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

INDUSTRIES GDS INC.

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ÉTAT D'HUILE

Visc 40°C	cSt	190	181	160	180



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	3	4	5	1
Sodium	ppm	1	2	1	3
Potassium	ppm	0	0	<1	0



MÉTAUX D'USURE

Fer	ppm	11	21	19	22
Cuivre	ppm	2	3	3	4
Plomb	ppm	0	<1	<1	0
Étain	ppm	0	0	<1	0
Aluminium	ppm	0	<1	<1	<1
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	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	8	12	43	5
Magnésium	ppm	<1	<1	1	0
Zinc	ppm	8	11	42	6
Phosphore	ppm	2278	2432	2242	2445
Baryum	ppm	0	<1	0	0
Bore	ppm	0	2	3	2

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All 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. The condition of the oil is acceptable for the time in service.

Depot: INDVIL

Unique No: 5748940

Signed: Wes Davis

Report Date: 21 Mar 2024



GRAPHS

