

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 040969-1287 - Front Differential

Sample No: LH0289347

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Information sur l'échantillon

Numéro d'échant.	LH0289347	LH	LH0239648	LH
Date d'échant.	27 May 2024	12 Jan 2023	26 Jul 2022	03 Feb 2022
Heures de la Machine	21827	18588	17561	16447
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	ABNORMAL	NORMAL	NORMAL

CMI - COMBINED METAL INDUSTRIES
 505 GARY RAY DRIVE
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 CA M9L 1P9
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 T: (416)642-7262
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État d'huile

Visc 40°C	cSt	115	162	95.3	93.0
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Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	38	36	4	8
Sodium	ppm	3	2	<1	<1
Potassium	ppm	<1	<1	<1	<1



Métaux d'usure

Fer	ppm	280	104	42	78
Cuivre	ppm	5	3	<1	<1
Plomb	ppm	0	0	0	0
Étain	ppm	0	0	0	0
Aluminium	ppm	2	2	<1	<1
Chrome	ppm	22	20	1	2
Molybdène	ppm	32	16	12	19
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	<1	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	3	2	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	11	4	7	6
Magnésium	ppm	1	<1	1	1
Zinc	ppm	12	5	7	6
Phosphore	ppm	2875	2506	3176	3164
Baryum	ppm	<1	0	0	0
Bore	ppm	200	49	292	289

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. Chromium ppm levels are abnormal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: COMWES
Unique No: 5787350
Signed: Kevin Marson
Report Date: 29 May 2024



Graphs

