



LIEBHERR LH50M 124550-1216 - Rear Differential

Sample No: LH0278738

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



COMBINED METAL INDUSTRIES-PUBLIC YARD
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INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0278738	LH0270572	LH0265850	LH0251636
Date d'échant.	04 Mar 2024	01 Aug 2023	11 Jun 2023	08 Feb 2023
Heures de la Machine	14018	11935	11340	10128
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	91.1	103	99.5	91.4



CONTAMINATION

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



MÉTAUX D'USURE

Fer	ppm	12	5	8	7
Cuivre	ppm	2	2	2	1
Plomb	ppm	<1	0	0	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	0	0
Chrome	ppm	0	0	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	5	11	3	2
Magnésium	ppm	<1	2	1	<1
Zinc	ppm	8	10	8	5
Phosphore	ppm	846	1297	1266	865
Baryum	ppm	0	0	0	0
Bore	ppm	62	295	242	38

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: COMTOR
 Unique No: 5737747
 Signed: Wes Davis
 Report Date: 07 Mar 2024



GRAPHS

