

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 124550-1216 - Swing Drive

Sample No: LH0278736

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



COMBINED METAL INDUSTRIES-PUBLIC YARD
129 FENMAR DR
TORONTO, ON
CA M9L 1M7
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INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0278736	LH0278895	LH0270581	LH0265847
Date d'échant.	04 Mar 2024	09 Jan 2024	01 Aug 2023	11 Jun 2023
Heures de la Machine	14018	13772	11935	11340
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Changed	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	41.3	107	102	99.6
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CONTAMINATION

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



MÉTAUX D'USURE

Fer	ppm	25	<1	222	230
Cuivre	ppm	2	0	38	46
Plomb	ppm	<1	0	<1	1
Étain	ppm	0	0	<1	2
Aluminium	ppm	<1	<1	<1	0
Chrome	ppm	2	0	3	2
Molybdène	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	2	2
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	153	13	12	3
Magnésium	ppm	4	1	2	1
Zinc	ppm	757	9	11	8
Phosphore	ppm	614	1239	1304	1302
Baryum	ppm	0	0	0	0
Bore	ppm	<1	300	302	269

Diagnostic

Due to this condition we recommend the following action... Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. We advise an early resample to confirm this situation. The fluid was not specified, however, a fluid match indicates that this fluid is ISO 46 AW Hydraulic Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. NOTE: The current sample results do not match this units historical trend, indicating the sample may not be from this component/unit. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 46 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported.

Depot: COMTOR
Unique No: 5737764
Signed: Kevin Marson
Report Date: 08 Mar 2024



GRAPHS

