

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R938 050294-1650 - Splitter Box

Sample No: LH0172357

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0172357	LH0172348	LH0257077	LH0230895
Date d'échant.	03 Jan 2024	11 Jul 2023	21 Mar 2023	16 Sep 2022
Heures de la Machine	4951	4478	4098	3452
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

MOOREFIELD EXCAVATING LTD.
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ÉTAT D'HUILE

Visc 40°C	cSt	95.6	95.3	95.8	101
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CONTAMINATION

Eau	%	0.022	NEG	NEG	NEG
Silicium	ppm	4	12	7	6
Sodium	ppm	4	1	2	2
Potassium	ppm	6	2	2	1



MÉTAUX D'USURE

Fer	ppm	59	57	70	52
Cuivre	ppm	<1	1	1	2
Plomb	ppm	<1	0	<1	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	2	<1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	<1	0	0	<1
Nickel	ppm	0	0	0	0
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	<1	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	85	30	21	17
Magnésium	ppm	9	2	2	2
Zinc	ppm	84	24	19	18
Phosphore	ppm	641	1306	1418	1265
Baryum	ppm	2	2	8	54
Bore	ppm	33	288	268	219

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. The water content is negligible. 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: MOOPAL
 Unique No: 5709374
 Signed: Wes Davis
 Report Date: 15 Jan 2024



GRAPHS

