

LIEBHERR

CONSTRUCTION EQUIPMENT



[(351146)] LIEBHERR A918 131283-1508 - Front Right Wheel H

Sample No: LH0274415

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



THOMAS CAVANAGH CONSTRUCTION LTD
RR # 2, 9094 CAVANAGH ROAD
ASHTON, ON
CA K0A 1B0
Contact: Keith

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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274415	LH0242424	---	---
Date d'échant.	18 Aug 2023	01 Nov 2022	---	---
Heures de la Machine	2990	2002	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	NORMAL	ABNORMAL	---	---



ÉTAT D'HUILE

Visc 40°C	cSt	75.3	62.4	---	---
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CONTAMINATION

Silicium	ppm	● 4	● 8	---	---
Sodium	ppm	● 16	● 22	---	---
Potassium	ppm	● <1	● <1	---	---



MÉTAUX D'USURE

Fer	ppm	● 72	● 122	---	---
Cuivre	ppm	● 53	● 101	---	---
Plomb	ppm	● 1	● 3	---	---
Étain	ppm	● <1	● 2	---	---
Aluminium	ppm	● <1	● 1	---	---
Chrome	ppm	● <1	● <1	---	---
Molybdène	ppm	● <1	<1	---	---
Nickel	ppm	● 0	● <1	---	---
Titane	ppm	● <1	● <1	---	---
Argent	ppm	<1	0	---	---
Manganèse	ppm	● <1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	1763	3438	---	---
Magnésium	ppm	● 8	11	---	---
Zinc	ppm	770	1426	---	---
Phosphore	ppm	● 1202	1280	---	---
Baryum	ppm	● 4	9	---	---
Bore	ppm	● 159	94	---	---

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. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

Depot: CAVASH
Unique No: 5630845
Signed: Kevin Marson
Report Date: 23 Aug 2023



GRAPHS

