

LIEBHERR

CONSTRUCTION EQUIPMENT



[(351146)] LIEBHERR A918 131283-1508 - Front Left Wheel Hub

Sample No: LH0274424

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.	LH0274424	LH0242423	---	---
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	74.5	61.8	---	---
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CONTAMINATION

Silicium	ppm	5	8	---	---
Sodium	ppm	15	21	---	---
Potassium	ppm	<1	<1	---	---



MÉTAUX D'USURE

Fer	ppm	78	114	---	---
Cuivre	ppm	45	81	---	---
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	0	0	---	---
Manganèse	ppm	1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	1769	3405	---	---
Magnésium	ppm	8	10	---	---
Zinc	ppm	769	1405	---	---
Phosphore	ppm	1237	1257	---	---
Baryum	ppm	4	8	---	---
Bore	ppm	162	92	---	---

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: 5630846
Signed: Kevin Marson
Report Date: 23 Aug 2023



GRAPHS

