

LIEBHERR

CONSTRUCTION EQUIPMENT



[(351146)] LIEBHERR A918 131283-1508 - Diesel Engine

Sample No: LH0274421

Oil Type: PETRO CANADA 10W40



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

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Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274421	LH0261308	LH0242419	---
Date d'échant.	18 Aug 2023	27 Apr 2023	01 Nov 2022	---
Heures de la Machine	2990	2494	2002	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---



ÉTAT D'HUILE

Visc 100°C	cSt	13.6	13.4	11.6	---
Oxydation (PA)	%	59	59	61	---



CONTAMINATION

% de suie	%	0	0	0	---
Nitration (PA)	%	55	55	68	---
Sulfatation (PA)	%	55	52	57	---
Glycol	%	NEG	NEG	NEG	---
Essence	%	<1.0	<1.0	<1.0	---
Silicium	ppm	7	9	18	---
Sodium	ppm	2	2	4	---
Potassium	ppm	<1	1	2	---



MÉTAUX D'USURE

Fer	ppm	13	14	13	---
Cuivre	ppm	<1	<1	<1	---
Plomb	ppm	0	0	0	---
Étain	ppm	0	0	0	---
Aluminium	ppm	1	2	3	---
Chrome	ppm	<1	0	0	---
Molybdène	ppm	59	56	5	---
Nickel	ppm	0	<1	<1	---
Titane	ppm	<1	6	85	---
Argent	ppm	0	0	0	---
Manganèse	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	1	---



ADDITIFS

Calcium	ppm	1071	1176	1874	---
Magnésium	ppm	1013	936	405	---
Zinc	ppm	1240	1190	1179	---
Phosphore	ppm	1087	1087	1070	---
Baryum	ppm	0	0	0	---
Bore	ppm	2	8	98	---

Depot: CAVASH
Unique No: 5630724
Signed: Wes Davis
Report Date: 23 Aug 2023



GRAPHS

