

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40C103882-1527 - Diesel Engine

Sample No: LH0261467

Oil Type: DIESEL ENGINE OIL SAE 10W30



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0261467	LH0247335	LH0224519	LH0214171
Date d'échant.	29 Jun 2023	08 Mar 2023	25 Oct 2022	20 Jan 2022
Heures de la Machine	9040	8400	7787	6281
Heures de l'huile	640	500	1506	681
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

**DOMINION NICKEL ALLOYS LTD.**

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#### ÉTAT D'HUILE

Visc 100°C	cSt	11.3	11.1	11.1	11.1
Oxydation (PA)	%	80	72	73	29



#### CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	90	86	78	33
Sulfatation (PA)	%	64	64	61	39
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	7	6	6
Sodium	ppm	2	1	2	2
Potassium	ppm	<1	<1	2	<1



#### MÉTAUX D'USURE

Fer	ppm	5	5	4	3
Cuivre	ppm	1	3	1	1
Plomb	ppm	<1	<1	0	0
Étain	ppm	0	<1	0	<1
Aluminium	ppm	<1	1	2	2
Chrome	ppm	<1	0	0	<1
Molybdène	ppm	66	68	62	60
Nickel	ppm	0	0	0	<1
Titane	ppm	<1	<1	<1	<1
Argent	ppm	0	0	0	<1
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1754	1704	1743	1605
Magnésium	ppm	452	389	453	547
Zinc	ppm	1221	1092	1194	1242
Phosphore	ppm	1067	941	1081	1074
Baryum	ppm	0	0	0	0
Bore	ppm	46	52	41	73

#### 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.

Depot: DOMBUR

Unique No: 5607371

Signed: Wes Davis

Report Date: 17 Jul 2023



### GRAPHS

