

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(360382)] LIEBHERR LH60C119564-1528 - Diesel Engine

Sample No: LH0270566

Oil Type: PETRO CANADA 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270566	LH0234856	LH0214211	LH0242602
Date d'échant.	11 Oct 2023	23 Jun 2023	03 Mar 2023	28 Oct 2022
Heures de la Machine	3521	2997	2489	1996
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

#### GERDAU AMERISTEEL

3000 COPELAND DR  
CORNWALL, ON  
CA K6H 6P7  
Contact: Ross Cotton  
rcotton@gerdauameristeel.com  
T: (613)933-1119  
F: (613)933-6142



#### ÉTAT D'HUILE

Visc 100°C	cSt	12.9	12.9	12.6	13.8
Oxydation (PA)	%	68	66	70	62



#### CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	76	73	78	63
Sulfatation (PA)	%	53	52	58	50
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	6	6	5
Sodium	ppm	2	2	2	1
Potassium	ppm	1	0	0	<1



#### MÉTAUX D'USURE

Fer	ppm	4	3	4	3
Cuivre	ppm	2	2	2	2
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	<1	<1	<1	<1
Aluminium	ppm	1	<1	2	1
Chrome	ppm	0	<1	0	0
Molybdène	ppm	59	59	58	57
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	<1	<1	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1111	1074	1080	1069
Magnésium	ppm	989	990	970	956
Zinc	ppm	1251	1218	1202	1174
Phosphore	ppm	1008	1063	1075	1063
Baryum	ppm	<1	0	0	0
Bore	ppm	1	1	1	<1

#### 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: GERCON  
Unique No: 5657957  
Signed: Kevin Marson  
Report Date: 16 Oct 2023



### GRAPHS

