

LIEBHERR

CONSTRUCTION EQUIPMENT



[(363344)] LIEBHERR LH40C 135581-1527 - Diesel Engine

Sample No: LH0277659

Oil Type: DIESEL ENGINE OIL SAE 40



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277659	LH0270109	LH0265820	LH0256850
Date d'échant.	07 Dec 2023	25 Sep 2023	28 Jun 2023	05 Apr 2023
Heures de la Machine	4925	4405	3831	3230
Heures de l'huile	0	0	0	0
Huile changée	Changed	N/A	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

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ÉTAT D'HUILE

Visc 100°C	cSt	13.2	13.2	13.1	13.0
Oxydation (PA)	%	62	66	63	63



CONTAMINATION

Eau	%	NEG	NEG	NEG	0.026
% de suie	%	0	0	0	0
Nitration (PA)	%	60	66	63	67
Sulfatation (PA)	%	51	52	51	59
Glycol	%	NEG	NEG	NEG	0.0
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	6	5	6
Sodium	ppm	2	2	1	1
Potassium	ppm	0	<1	1	0

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.



MÉTAUX D'USURE

Fer	ppm	3	3	3	3
Cuivre	ppm	2	3	2	2
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	1	<1	1	1
Chrome	ppm	0	0	<1	0
Molybdène	ppm	56	61	57	59
Nickel	ppm	<1	0	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1134	1066	1026	1139
Magnésium	ppm	917	989	964	960
Zinc	ppm	1176	1217	1162	1184
Phosphore	ppm	950	1007	1050	1074
Baryum	ppm	<1	<1	0	0
Bore	ppm	3	3	3	5

Depot: CAN353TOR
 Unique No: 5694886
 Signed: Wes Davis
 Report Date: 08 Dec 2023



GRAPHS

