

LIEBHERR

CONSTRUCTION EQUIPMENT



[(339785)] LIEBHERR LH40C127765-1527 - Diesel Engine

Sample No: LH0278816

Oil Type: DIESEL ENGINE OIL SAE 5W30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278816	LH0261590	LH0251727	LH0234697
Date d'échant.	05 Nov 2023	08 May 2023	08 Feb 2023	22 Sep 2022
Heures de la Machine	6621	5567	5037	4278
Heures de l'huile	0	0	0	0
Huile changée	N/A	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

BENMET STEEL & METAL
3961 ROAD 111
STRATFORD, ON
CA N5A 6S5
Contact: Service Manager



ÉTAT D'HUILE

Visc 100°C	cSt	13.2	11.9	12.9	11.6
Oxydation (PA)	%	90	86	82	90

T:
F:



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	84	86	81	88
Sulfatation (PA)	%	64	60	61	62
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	7	6	8
Sodium	ppm	3	4	2	7
Potassium	ppm	2	0	<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. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	5	4	4	4
Cuivre	ppm	5	6	3	3
Plomb	ppm	2	<1	1	1
Étain	ppm	<1	<1	<1	<1
Aluminium	ppm	1	1	1	2
Chrome	ppm	0	<1	0	<1
Molybdène	ppm	47	60	61	57
Nickel	ppm	<1	0	0	0
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	1385	894	1131	852
Magnésium	ppm	762	1104	1019	1125
Zinc	ppm	1242	1224	1240	1227
Phosphore	ppm	1020	1079	1111	1089
Baryum	ppm	<1	0	<1	0
Bore	ppm	25	29	5	20

Depot: BEN396STR
Unique No: 5671178
Signed: Kevin Marson
Report Date: 06 Nov 2023



GRAPHS

