

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0296518

Oil Type: DIESEL ENGINE OIL SAE 5W30



Information sur l'échantillon

Número d'échant.	LH0296518	LH0278816	LH0261590	LH0251727
Date d'échant.	07 Jul 2024	05 Nov 2023	08 May 2023	08 Feb 2023
Heures de la Machine	8194	6621	5567	5037
Heures de l'huile	0	0	0	0
Huile changée	Changed	N/A	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	13.6	13.2	11.9	12.9
Oxydation (PA)	%	71	90	86	82

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	75	84	86	81
Sulfatation (PA)	%	55	64	60	61
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	4	6	7	6
Sodium	ppm	1	3	4	2
Potassium	ppm	2	2	0	<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	4	5	4	4
Cuivre	ppm	1	5	6	3
Plomb	ppm	<1	2	<1	1
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	1	1	1	1
Chrome	ppm	<1	0	<1	0
Molybdène	ppm	43	47	60	61
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	<1	<1
Argent	ppm	0	<1	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	1334	1385	894	1131
Magnésium	ppm	700	762	1104	1019
Zinc	ppm	1200	1242	1224	1240
Phosphore	ppm	977	1020	1079	1111
Baryum	ppm	<1	<1	0	<1
Bore	ppm	18	25	29	5

Depot: BEN396STR
Unique No: 5811657
Signed: Kevin Marson
Report Date: 08 Jul 2024



Graphs

