

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 055418-1334 - Diesel Engine

Sample No: LH0285114

Oil Type: SAE 5W30



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0285114	LH0281406	LH0278962	LH0270254
Date d'échant.	11 Feb 2024	21 Jan 2024	05 Nov 2023	25 Sep 2023
Heures de la Machine	13516	13061	12685	12214
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	N/A	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

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ÉTAT D'HUILE

Visc 100°C	cSt	12.0	14.2	13.7	13.2
Oxydation (PA)	%	71	65	66	78



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	68	59	60	71
Sulfatation (PA)	%	55	54	54	58
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	6	7	6
Sodium	ppm	5	4	3	2
Potassium	ppm	<1	1	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. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

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



ADDITIFS

Calcium	ppm	895	1067	1146	1104
Magnésium	ppm	1068	950	911	959
Zinc	ppm	1186	1151	1172	1178
Phosphore	ppm	1029	981	950	976
Baryum	ppm	0	0	<1	<1
Bore	ppm	28	1	3	8

Depot: CGCHAG
 Unique No: 5724045
 Signed: Kevin Marson
 Report Date: 13 Feb 2024



GRAPHS

