

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 055418-1334 - Diesel Engine

Sample No: LH0270254

Oil Type: SAE 5W30



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0270254	LH0274427	LH0261298	LH0256586
Date d'échant.	25 Sep 2023	15 Aug 2023	19 May 2023	27 Mar 2023
Heures de la Machine	12214	11526	10523	10029
Heures de l'huile	0	0	0	0
Huile changée	N/A	Changed	Changed	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

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ÉTAT D'HUILE

Visc 100°C	cSt	13.2	12.1	11.5	11.8
Oxydation (PA)	%	78	97	79	77



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	71	87	73	73
Sulfatation (PA)	%	58	68	56	64
Glycol	%	NEG	0.0	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	6	6	6
Sodium	ppm	2	8	5	5
Potassium	ppm	1	11	4	<1



MÉTAUX D'USURE

Fer	ppm	4	5	3	4
Cuivre	ppm	2	2	<1	1
Plomb	ppm	2	4	<1	<1
Étain	ppm	0	<1	<1	0
Aluminium	ppm	<1	1	1	1
Chrome	ppm	0	<1	0	0
Molybdène	ppm	59	57	60	59
Nickel	ppm	0	<1	<1	<1
Titane	ppm	0	0	0	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1104	993	853	1013
Magnésium	ppm	959	1028	1083	1047
Zinc	ppm	1178	1159	1155	1189
Phosphore	ppm	976	986	1046	1067
Baryum	ppm	<1	0	0	0
Bore	ppm	8	17	30	35

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.

Depot: CGCHAG
 Unique No: 5646220
 Signed: Bill Quesnel
 Report Date: 26 Sep 2023



GRAPHS

