

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 055418-1334 - Diesel Engine

Sample No: LH0296741

Oil Type: SAE 5W30



Information sur l'échantillon

Número d'échant.	LH0296741	LH0276259	LH0285114	LH0281406
Date d'échant.	07 Jul 2024	14 May 2024	11 Feb 2024	21 Jan 2024
Heures de la Machine	15057	14463	13516	13061
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

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État d'huile

Visc 100°C	cSt	14.0	13.2	12.0	14.2
Oxydation (PA)	%	77	77	71	65



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	74	73	68	59
Sulfatation (PA)	%	57	58	55	54
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	4	5	6
Sodium	ppm	2	4	5	4
Potassium	ppm	0	<1	<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	4	4	2	3
Cuivre	ppm	2	2	2	2
Plomb	ppm	2	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	1	2	2
Chrome	ppm	<1	0	0	0
Molybdène	ppm	59	57	59	57
Nickel	ppm	0	0	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	0	0	0
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	1056	1149	895	1067
Magnésium	ppm	960	937	1068	950
Zinc	ppm	1214	1161	1186	1151
Phosphore	ppm	959	944	1029	981
Baryum	ppm	0	0	0	0
Bore	ppm	4	8	28	1

Depot: CGCHAG
Unique No: 5811715
Signed: Kevin Marson
Report Date: 09 Jul 2024



Graphs

