

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 048547-1464 - Diesel Engine

Sample No: LH0281483

Oil Type: DIESEL ENGINE OIL SAE 30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0281483	LH0251462	LH0239244	LH
Date d'échant.	07 Dec 2023	16 Feb 2023	15 Sep 2022	18 Mar 2022
Heures de la Machine	9037	7024	5991	4762
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	12.4	11.9	11.5	11.1
Oxydation (PA)	%	69	73	92	27



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	76	75	88	30
Sulfatation (PA)	%	55	59	66	39
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	6	7	6
Sodium	ppm	2	4	5	4
Potassium	ppm	0	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. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	6	4	11	7
Cuivre	ppm	2	<1	4	2
Plomb	ppm	<1	<1	1	<1
Étain	ppm	<1	<1	<1	<1
Aluminium	ppm	1	1	2	2
Chrome	ppm	<1	0	<1	<1
Molybdène	ppm	61	58	58	57
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	<1	<1	0
Argent	ppm	<1	0	<1	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1070	949	874	827
Magnésium	ppm	980	1094	1173	1165
Zinc	ppm	1206	1221	1274	1252
Phosphore	ppm	952	1115	1133	1053
Baryum	ppm	<1	0	0	0
Bore	ppm	3	30	14	25

Depot: SUMAYR
Unique No: 5694884
Signed: Wes Davis
Report Date: 08 Dec 2023



GRAPHS

