



LIEBHERR L580 048547-1464 - Rear Differential

Sample No: LH0281487

Oil Type: GEAR OIL SAE 80W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0281487	LH0247277	LH0239249	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.	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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ÉTAT D'HUILE

Visc 40°C	cSt	94.3	89.6	92.7	92.9



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	5	3	6	9
Sodium	ppm	4	<1	3	4
Potassium	ppm	5	0	<1	<1



MÉTAUX D'USURE

Fer	ppm	76	44	58	154
Cuivre	ppm	32	16	21	43
Plomb	ppm	<1	<1	<1	1
Étain	ppm	2	<1	1	3
Aluminium	ppm	<1	<1	<1	1
Chrome	ppm	<1	<1	<1	2
Molybdène	ppm	0	0	0	<1
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	1	2	3	13
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	12	10	19	10
Magnésium	ppm	2	3	2	2
Zinc	ppm	22	19	32	39
Phosphore	ppm	2461	2713	2948	2790
Baryum	ppm	<1	0	0	0
Bore	ppm	302	306	295	269

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 75W90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: SUMAYR
 Unique No: 5695004
 Signed: Kevin Marson
 Report Date: 11 Dec 2023



GRAPHS

