

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 049453-1464 - Front Differential

Sample No: LH0278903

Oil Type: GEAR OIL SAE 75W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278903	LH0251595	LH0216019	LH
Date d'échant.	14 Nov 2023	27 Jan 2023	31 Aug 2022	01 Feb 2022
Heures de la Machine	9097	7157	6321	4131
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 40°C	cSt	94.2	90.7	92.1	92.4



CONTAMINATION

Silicium	ppm	<1	3	5	7
Sodium	ppm	0	<1	1	2
Potassium	ppm	0	0	<1	1



MÉTAUX D'USURE

Fer	ppm	32	41	72	95
Cuivre	ppm	11	16	39	53
Plomb	ppm	<1	<1	<1	2
Étain	ppm	<1	<1	3	5
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	0	<1	<1	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	1	2
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	10	11	10	11
Magnésium	ppm	1	3	2	2
Zinc	ppm	15	17	25	27
Phosphore	ppm	2545	2648	2547	2940
Baryum	ppm	<1	0	0	0
Bore	ppm	320	303	283	306

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.

Depot: SUMAYR
Unique No: 5681721
Signed: Kevin Marson
Report Date: 15 Nov 2023



GRAPHS

