

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 048547-1464 - Front Differential

Sample No: LH0290953

Oil Type: GEAR OIL SAE 80W90



Information sur l'échantillon

Numéro d'échant.	LH0290953	LH0281486	LH0247276	LH0239248
Date d'échant.	27 May 2024	07 Dec 2023	16 Feb 2023	15 Sep 2022
Heures de la Machine	10162	9037	7024	5991
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

Summit Aggregates
 2686 Greenfield Blvd.
 Ayr, ON
 CA N0B 1E0
 Contact: Bill .
 bill@summitagg.com
 T: (519)500-8146
 F:



État d'huile

Visc 40°C	cSt	94.7	94.2	88.6	92.1
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Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	● <1	● 2	● 2	● 3
Sodium	ppm	● 3	● 3	● <1	● 1
Potassium	ppm	● 2	● 1	● 0	● <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 75W90 range, advise investigate. The condition of the oil is acceptable for the time in service.



Métaux d'usure

Fer	ppm	● 36	● 36	● 42	● 52
Cuivre	ppm	● 13	● 11	● 12	● 20
Plomb	ppm	● 0	● <1	● <1	● <1
Étain	ppm	● <1	● <1	● <1	● <1
Aluminium	ppm	● 0	● <1	● <1	● 0
Chrome	ppm	● 0	● 0	● <1	● <1
Molybdène	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● 0	● <1	● 0	● <1
Titane	ppm	● 0	● 0	● 0	● 0
Argent	ppm	0	<1	0	0
Manganèse	ppm	● <1	● <1	● 1	● 3
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	● 7	● 9	● 10	● 20
Magnésium	ppm	● 2	● <1	● 3	● 2
Zinc	ppm	● 13	● 14	● 19	● 31
Phosphore	ppm	● 2562	● 2399	● 2747	● 2952
Baryum	ppm	● 0	● <1	● 0	● 0
Bore	ppm	● 290	● 306	● 305	● 298

Depot: SUMAYR
Unique No: 5787332
Signed: Kevin Marson
Report Date: 28 May 2024



Graphs

