

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 052872-1332 - Front Differential

Sample No: LH0274150

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0274150	LH0256463	LH0242124	LH0242212
Sample Date	20 Nov 2023	28 Jun 2023	20 Feb 2023	01 Dec 2022
Machine Hours	21950	20000	18000	16900
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Resolute Forest Products

1, chemin de la Scierie, Case postale 2250
Baie-Comeau, QC
CA G5C 2S8
Contact: Paul Breton
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OIL CONDITION

Visc @ 40°C	cSt	179	178	187	192



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	1	2	2
Sodium	ppm	1	1	2	3
Potassium	ppm	0	<1	0	1



WEAR METALS

Iron	ppm	49	24	61	34
Copper	ppm	15	8	21	14
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	<1	1	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	2	1	7	3
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	9	11	4	4
Magnesium	ppm	<1	<1	0	0
Zinc	ppm	11	12	10	10
Phosphorus	ppm	2248	2382	2443	2294
Barium	ppm	<1	0	0	0
Boron	ppm	1	1	2	4

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: RESBAI
Unique No: 5695424
Signed: Wes Davis
Report Date: 11 Dec 2023



GRAPHS

