

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R936 052254-1828 - Right Final Drive

Sample No: LH0261058

Oil Type: LIEBHERR 75W90



SAMPLE INFORMATION

Sample Number	LH0261058	LH0239070	LH	LH
Sample Date	14 Jul 2023	31 Aug 2022	12 Aug 2021	12 Aug 2021
Machine Hours	2990	1920	0	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

EXCAVATION DYNAMIC INC.
 37 CHEMIN HENRI-PETIT
 RIGAUD, QC
 CA J0P 1P0
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	174	170	178	198
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T:
F:



CONTAMINATION

Silicon	ppm	196	296	31	4
Sodium	ppm	11	14	4	5
Potassium	ppm	16	28	5	5

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.



WEAR METALS

Iron	ppm	484	381	98	95
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	44	91	7	<1
Chromium	ppm	7	6	2	2
Molybdenum	ppm	<1	1	0	<1
Nickel	ppm	1	<1	<1	<1
Titanium	ppm	3	4	<1	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	5	6	1	1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	30	51	24	14
Magnesium	ppm	16	39	6	1
Zinc	ppm	21	37	13	21
Phosphorus	ppm	2388	2262	2262	1453
Barium	ppm	2	3	2	13
Boron	ppm	2	5	9	5

Depot: EXCRIG
 Unique No: 5607780
 Signed: Kevin Marson
 Report Date: 20 Jul 2023



GRAPHS

