

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 030005-460 - Rear Differential

Sample No: LH
Oil Type: SAE 75W90



SAMPLE INFORMATION

Sample Number	LH	LH0225369	LH0069958	LH0081354
Sample Date	28 Aug 2023	29 Apr 2022	14 Mar 2015	17 Jun 2014
Machine Hours	11540	11232	3847	2547
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	N/A	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

TERMINAL MARITIME SOREL TRACY
59 RUE ETIENNE
SAINT- JOSEPH-DE SOREL, QC
CA J3R 5H8
Contact: Andre Bergeren



OIL CONDITION

Visc @ 40°C	cSt	88.2	76.1	92.4	94.2
-------------	-----	------	------	------	------

T: (450)743-5561
F: (450)743-9952



CONTAMINATION

Silicon	ppm	8	6	1	4
Sodium	ppm	2	2	<1	3
Potassium	ppm	0	0	<1	1

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	137	68	22	40
Copper	ppm	2	1	<1	2
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	3	1	<1	<1
Molybdenum	ppm	25	13	11	6
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	11	9	15	47
Magnesium	ppm	<1	0	0	<1
Zinc	ppm	26	16	7	29
Phosphorus	ppm	3763	4301	2518	2831
Barium	ppm	0	0	0	<1
Boron	ppm	60	74	307	432

Depot: TER59STJ
Unique No: 5632815
Signed: Kevin Marson
Report Date: 01 Sep 2023



GRAPHS

