

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 048578-1334 - Rear Differential

Sample No: LH0281491

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### SAMPLE INFORMATION

Sample Number	LH0281491	LH0239312	LH0215783	LH
Sample Date	07 Dec 2023	14 Nov 2022	14 Dec 2021	08 Dec 2020
Machine Hours	7003	5631	4493	3239
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

QSL LOCATION DIVISION ARRIMAGE INC.  
1050 FAREWELL STREET  
OSHAWA, ON  
CA L1H 6N6  
Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	93.0	94.2	92.1	90.3

T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	1	3	3
Sodium	ppm	4	1	<1	1
Potassium	ppm	3	<1	<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	42	40	45	38
Copper	ppm	19	28	28	18
Lead	ppm	<1	<1	<1	<1
Tin	ppm	1	2	2	1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	<1	<1
Manganese	ppm	<1	1	1	1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	10	8	8	7
Magnesium	ppm	2	1	1	2
Zinc	ppm	17	17	31	22
Phosphorus	ppm	2372	2516	3020	3208
Barium	ppm	<1	0	0	0
Boron	ppm	298	297	307	312

Depot: QSLOSH  
Unique No: 5695006  
Signed: Wes Davis  
Report Date: 09 Dec 2023



### GRAPHS

