

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 048578-1334 - Front Differential

Sample No: LH0281492

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### SAMPLE INFORMATION

Sample Number	LH0281492	LH0239311	LH0215785	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	93.6	94.0	91.7	89.6
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	1	3	4
Sodium	ppm	3	1	<1	3
Potassium	ppm	2	<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	37	40	47	51
Copper	ppm	15	22	20	17
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	1	1	1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
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	9	7	6
Magnesium	ppm	1	1	1	2
Zinc	ppm	14	15	26	21
Phosphorus	ppm	2324	2494	2918	3215
Barium	ppm	<1	<1	0	0
Boron	ppm	302	299	301	306

Depot: QSLOSH  
Unique No: 5695010  
Signed: Wes Davis  
Report Date: 09 Dec 2023



### GRAPHS

