

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 031629-793 - Left Final Drive

Sample No: LH0286862

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Information sur l'échantillon

Numéro d'échant.	LH0286862	LH0289500	LH0227402	LH
Date d'échant.	04 Jun 2024	24 May 2024	08 Apr 2022	09 Jan 2022
Heures de la Machine	16164	16113	13549	12577
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Not Changd
Statut de l'échant.	NORMAL	SEVERE	ABNORMAL	ABNORMAL

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#### État d'huile

Visc 40°C	cSt	103	188	92.3	94.5
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#### Contamination

Eau	%	NEG	NEG	0.548	NEG
Silicium	ppm	24	932	613	307
Sodium	ppm	2	57	38	22
Potassium	ppm	2	61	44	22



#### Métaux d'usure

PQ		---	1333	508	152
Fer	ppm	153	5774	2018	1911
Cuivre	ppm	2	74	36	28
Plomb	ppm	0	10	14	6
Étain	ppm	0	2	2	1
Aluminium	ppm	5	225	168	81
Chrome	ppm	2	94	33	35
Molybdène	ppm	0	6	2	3
Nickel	ppm	0	13	4	5
Titane	ppm	<1	17	12	6
Argent	ppm	0	0	<1	<1
Manganèse	ppm	2	97	42	31
Vanadium	ppm	0	1	1	<1



#### Additifs

Calcium	ppm	35	1170	1201	485
Magnésium	ppm	6	144	115	52
Zinc	ppm	10	53	43	30
Phosphore	ppm	1272	1105	1237	1290
Baryum	ppm	<1	6	1	0
Bore	ppm	321	266	243	199

#### Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LAKWHI

Unique No: 5789483

Signed: Wes Davis

Report Date: 06 Jun 2024



### Graphs

