

LIEBHERR

CONSTRUCTION EQUIPMENT



[(355226)] LIEBHERR R938 053191-1650 - Swing Drive

Sample No: LH0284896

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



THOMAS CAVANAGH CONSTRUCTION LTD
RR # 2, 9094 CAVANAGH ROAD
ASHTON, ON
CA K0A 1B0
Contact: Keith

T: (613)257-4995
F: (613)253-0071

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0284896	LH0195720	LH0242610	LH0239641
Date d'échant.	13 Feb 2024	26 Jul 2023	24 Nov 2022	25 Jul 2022
Heures de la Machine	3960	3133	2095	1668
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Not Changd
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	154	106	197	198



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	1	2	1	1
Sodium	ppm	1	2	6	5
Potassium	ppm	8	0	3	2



MÉTAUX D'USURE

Fer	ppm	272	328	262	212
Cuivre	ppm	<1	<1	0	0
Plomb	ppm	0	<1	0	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	3	4	4	3
Molybdène	ppm	0	<1	<1	0
Nickel	ppm	<1	0	<1	0
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	0	<1
Manganèse	ppm	2	3	4	3
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	11	18	16	16
Magnésium	ppm	<1	1	0	<1
Zinc	ppm	5	14	13	11
Phosphore	ppm	2062	1367	1557	1435
Baryum	ppm	<1	2	11	11
Bore	ppm	76	227	3	2

Depot: CAVASH
Unique No: 5734588
Signed: Wes Davis
Report Date: 22 Feb 2024



GRAPHS

