

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053602-1484 - Rear Differential

Sample No: LH0123092

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0123092	LH0270374	LH0247089	LH0239515
Date d'échant.	13 Oct 2023	14 Jul 2023	30 Nov 2022	05 Aug 2022
Heures de la Machine	7226	6154	5112	4034
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	ABNORMAL

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



ÉTAT D'HUILE

Visc 40°C	cSt	177	171	163	95.6
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T: (613)257-4995
F: (613)253-0071



CONTAMINATION

Élément	ppm	1	3	6	8
Silicium	ppm	1	3	6	8
Sodium	ppm	1	1	2	1
Potassium	ppm	0	<1	<1	<1

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.



MÉTAUX D'USURE

Élément	ppm	---	---	---	504
PQ		---	---	---	504
Fer	ppm	28	86	251	1105
Cuivre	ppm	7	33	71	89
Plomb	ppm	<1	<1	2	2
Étain	ppm	0	<1	4	2
Aluminium	ppm	<1	<1	3	2
Chrome	ppm	0	<1	1	6
Molybdène	ppm	6	2	2	12
Nickel	ppm	<1	0	0	0
Titane	ppm	0	0	0	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	1	4	11
Vanadium	ppm	0	0	0	0



ADDITIFS

Élément	ppm	36	109	375	2767
Calcium	ppm	36	109	375	2767
Magnésium	ppm	<1	5	7	29
Zinc	ppm	18	67	184	989
Phosphore	ppm	2296	2330	2296	1065
Baryum	ppm	<1	<1	<1	<1
Bore	ppm	3	6	5	33

Depot: CAVASH
Unique No: 5658440
Signed: Wes Davis
Report Date: 16 Oct 2023



GRAPHS

