

LIEBHERR

CONSTRUCTION EQUIPMENT



[(363346) IRON SHORING] 022240-1709 - Front Left Wheel

Sample No: LH0275288

Oil Type: PETRO CANADA TRAXON 80W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0275288	LH0270465	---	---
Date d'échant.	22 Aug 2023	26 Jul 2023	---	---
Heures de la Machine	2206	2025	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	N/A	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---

RONI/IRON SHORE EXCAVATING LTD.
100 MACINTOSH BLVD
VAUGHAN, ON
CA L4K 4P3
Contact: Nathan Fernandes
nfernandes@roni.ca
T:
F:



ÉTAT D'HUILE

Visc 40°C	cSt	80.2	● 183	---	---
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CONTAMINATION

Silicium	ppm	● 44	● 17	---	---
Sodium	ppm	● 6	● 5	---	---
Potassium	ppm	● <1	● 3	---	---



MÉTAUX D'USURE

Fer	ppm	● 188	● 210	---	---
Cuivre	ppm	● 2	● 58	---	---
Plomb	ppm	● 0	● 2	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	● 1	● 1	---	---
Chrome	ppm	● 3	● 1	---	---
Molybdène	ppm	● <1	● 0	---	---
Nickel	ppm	● <1	● <1	---	---
Titane	ppm	<1	<1	---	---
Argent	ppm	0	<1	---	---
Manganèse	ppm	● 2	● 5	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	744	● 46	---	---
Magnésium	ppm	● 4	● 3	---	---
Zinc	ppm	1396	● 77	---	---
Phosphore	ppm	705	● 2398	---	---
Baryum	ppm	● 10	● 5	---	---
Bore	ppm	● 102	● 3	---	---

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. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: RONVAU
Unique No: 5632241
Signed: Kevin Marson
Report Date: 30 Aug 2023



GRAPHS

