

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR736LGP 019077-1155 - Hydraulic System

Sample No: LH0274423

Oil Type: PETRO CANADA 10W30



THOMAS CAVANAGH CONSTRUCTION LTD
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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274423	LH0237761	LH0242466	---
Date d'échant.	18 Sep 2023	03 Apr 2023	01 Nov 2022	---
Heures de la Machine	2913	2412	1965	---
Heures de l'huile	0	0	0	---
Huile changée	Not Changd	Not Changd	Changed	---
Statut de l'échant.	NORMAL	NORMAL	ATTENTION	---



ÉTAT D'HUILE

Visc 40°C	cSt	47.9	50.0	● 47.4	---
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CONTAMINATION

Particules >4μ		● 5311	● 4431	● 29531	---
Particules >6μ		● 419	● 1476	● 9843	---
Particules >14μ		● 22	● 187	● 770	---
ISO 4406:1999 (c)		20/16/12	19/18/15	22/20/17	---
Silicium	ppm	● 5	● 3	● 4	---
Sodium	ppm	● 6	● 3	● 5	---
Potassium	ppm	● 2	● <1	● 1	---

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	● 13	● 4	● 12	---
Cuivre	ppm	● 9	● 4	● 7	---
Plomb	ppm	● <1	● <1	● <1	---
Étain	ppm	● 0	● 0	● 0	---
Aluminium	ppm	● 2	● 1	● 2	---
Chrome	ppm	● <1	● 0	● <1	---
Molybdène	ppm	● 20	● 5	● 9	---
Nickel	ppm	● 0	● <1	● <1	---
Titane	ppm	● 18	● 17	● 20	---
Argent	ppm	● 0	● 0	● 0	---
Manganèse	ppm	● <1	● <1	● <1	---
Vanadium	ppm	● <1	● <1	● <1	---



ADDITIFS

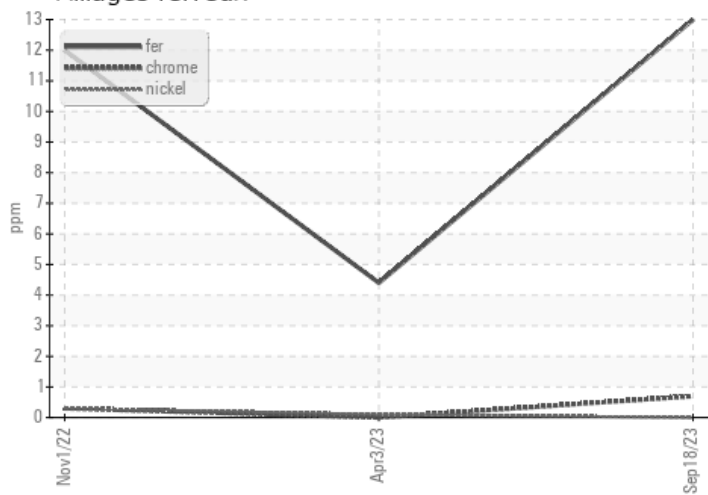
Calcium	ppm	● 875	● 1104	● 791	---
Magnésium	ppm	● 349	● 120	● 153	---
Zinc	ppm	● 904	● 592	● 802	---
Phosphore	ppm	● 807	● 479	● 754	---
Baryum	ppm	● 0	● 0	● 0	---
Bore	ppm	● 58	● 38	● 74	---

Depot: CAVASH
Unique No: 5645761
Signed: Bill Quesnel
Report Date: 25 Sep 2023

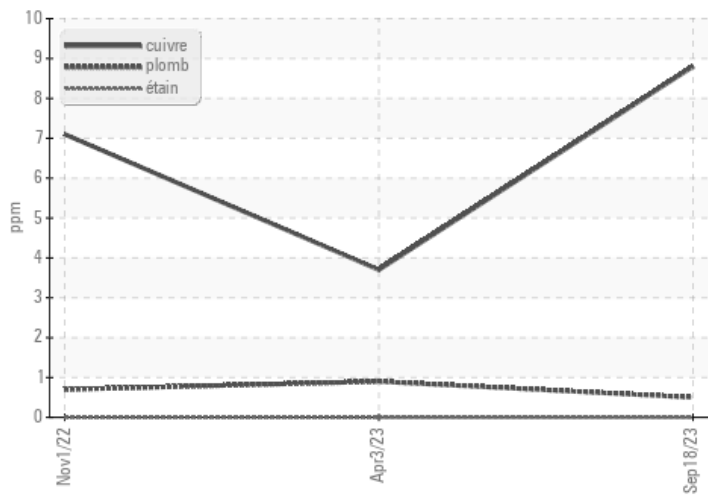


GRAPHS

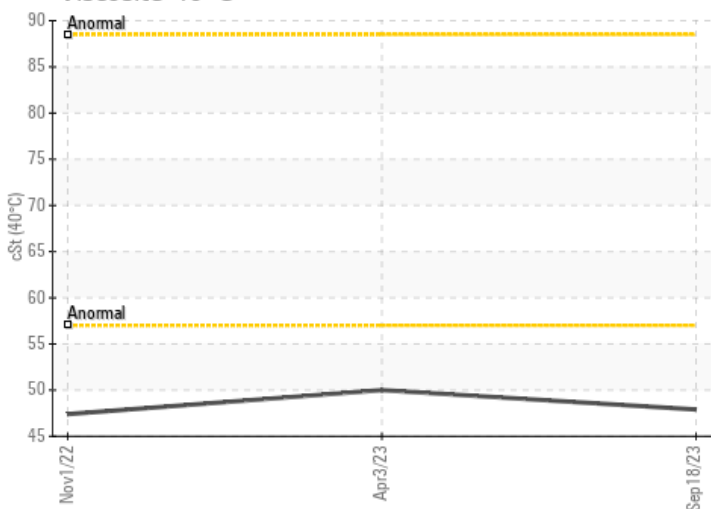
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

