

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR736LGP 020009-1736 - Hydraulic System

Sample No: LH0277436

Oil Type: PETRO CANADA 10W30



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

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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277436	LH0237754	LH0239692	---
Date d'échant.	16 Nov 2023	02 Feb 2023	24 Aug 2022	---
Heures de la Machine	2505	2011	1454	---
Heures de l'huile	0	0	0	---
Huile changée	Not Changd	Changed	Not Changd	---
Statut de l'échant.	ATTENTION	NORMAL	NORMAL	---



ÉTAT D'HUILE

Visc 40°C	cSt	52.9	45.5	45.7	---
Indice d'acidité	mg KOH/g	---	1.14	---	---



CONTAMINATION

Eau	%	NEG	NEG	NEG	---
Particules >4µ		30333	11406	11828	---
Particules >6µ		5865	1494	1694	---
Particules >14µ		287	99	78	---
ISO 4406:1999 (c)		22/20/15	21/18/14	21/18/13	---
Silicium	ppm	4	3	2	---
Sodium	ppm	7	6	6	---
Potassium	ppm	<1	2	2	---

Diagnostic

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. Viscosity of sample indicates oil is within SAE 20 range, advise investigate. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	6	10	6	---
Cuivre	ppm	4	6	5	---
Plomb	ppm	<1	<1	1	---
Étain	ppm	0	0	0	---
Aluminium	ppm	1	1	1	---
Chrome	ppm	<1	1	<1	---
Molybdène	ppm	31	6	4	---
Nickel	ppm	0	<1	<1	---
Titane	ppm	4	5	5	---
Argent	ppm	<1	0	0	---
Manganèse	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIFS

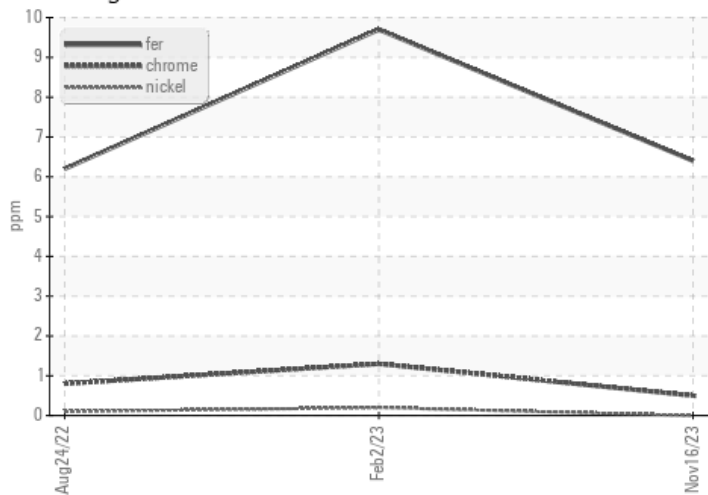
Calcium	ppm	1201	1354	1291	---
Magnésium	ppm	490	69	47	---
Zinc	ppm	970	754	727	---
Phosphore	ppm	853	709	637	---
Baryum	ppm	<1	0	0	---
Bore	ppm	20	31	32	---

Depot: CAVASH
Unique No: 5683555
Signed: Kevin Marson
Report Date: 24 Nov 2023

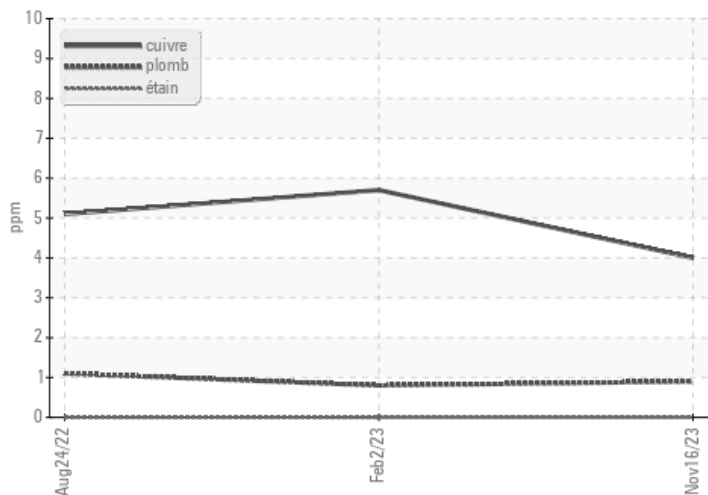


GRAPHS

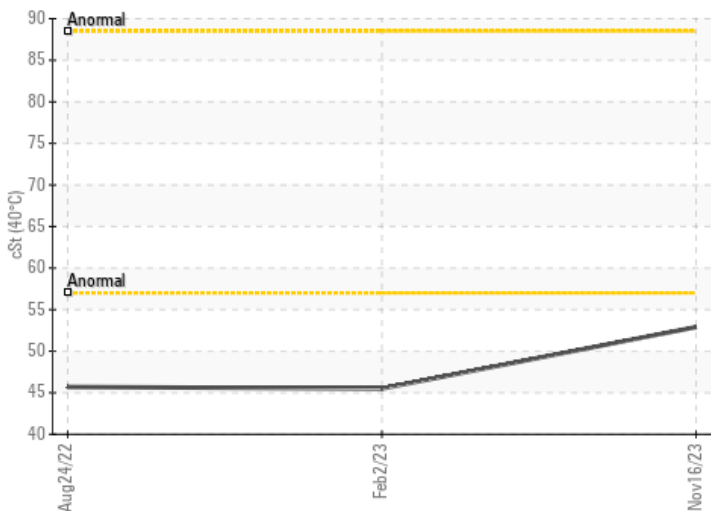
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

