

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Hydraulic System

Sample No: LH0230408

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



J.D. Irving

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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0230408	LH0194734	LH0194637	LH0180229
Date d'échant.	05 May 2022	29 Oct 2021	25 Jul 2021	06 Oct 2020
Heures de la Machine	22049	20093	17995	0
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Not Changd	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	42.1	42.2	41.9	40.8
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CONTAMINATION

Eau	%	0.009	---	---	---
Particules >4µ		17343	14102	6291	4064
Particules >6µ		3258	3290	786	588
Particules >14µ		122	172	16	26
ISO 4406:1999 (c)		21/19/14	21/19/15	20/17/11	19/16/12
Silicium	ppm	1	<1	<1	1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	<1	<1	<1



MÉTAUX D'USURE

Fer	ppm	35	20	18	23
Cuivre	ppm	1	1	1	2
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	<1	<1	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	78	81	69	80
Magnésium	ppm	1	<1	<1	<1
Zinc	ppm	609	678	600	586
Phosphore	ppm	493	551	501	447
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	<1	<1

Diagnostic

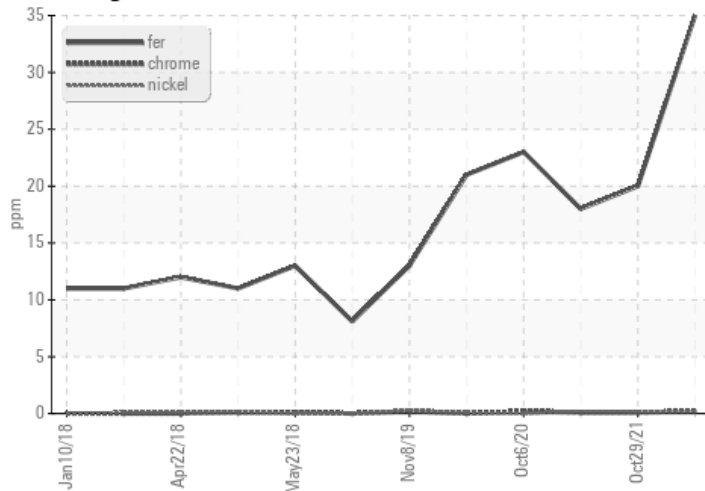
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in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

Depot: JDITRU
Unique No: 5409251
Signed: Wes Davis
Report Date: 06 Jun 2022

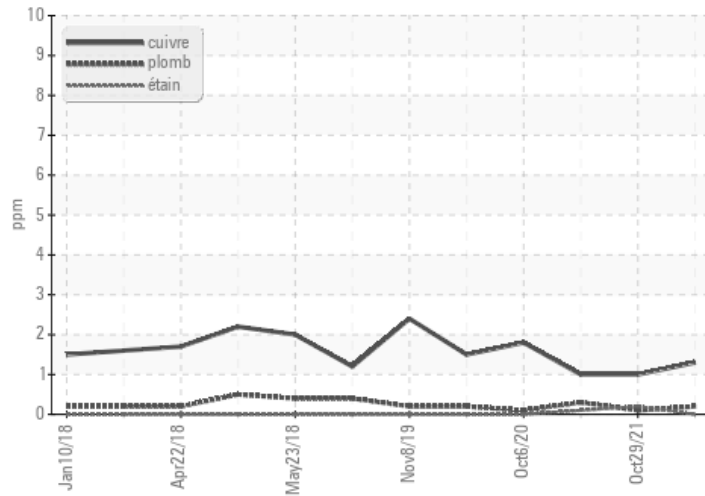


GRAPHS

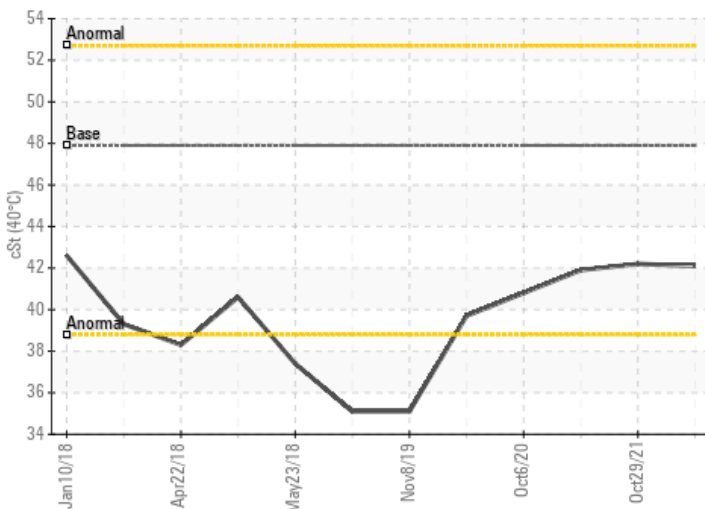
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

