LIEBHERR
CONSTRUCTION EQUIPMENT

[(339785)] LIEBHERR LH40C 127765-1527 - Hydraulic System

Sample No: LH0279029

Oil Type: AW HYDRAULIC OIL ISO 46

INFORMATION SUR L'éCHANTILLON

Numéro d'échant.		**LH0279029**	LH0261589	LH0251728	LH0234699
Date d'échant.		**05 Nov 2023**	08 May 2023	08 Feb 2023	22 Sep 2022
Heures de la Machine		**6621**	5567	5037	4278
Heures de l'huile		**0**	0	0	0
Huile changée		**N/A**	Not Changd	Not Changd	Not Changd
Statut de l'echant.		**NORMAL**	NORMAL	NORMAL	NORMAL

ÉTAT D'HUILE

Visc 40°C	cSt	**41.3**	41.5	41.6	41.4

CONTAMINATION

Particules >4µ		**3729**	3082	1056	1038
Particules >6µ		**842**	669	264	177
Particules >14µ		**57**	25	27	7
ISO 4406:1999 (c)		**19/17/13**	19/17/12	17/15/12	17/15/10
Silicium	ppm	**<1**	1	1	2
Sodium	ppm	**1**	1	1	2
Potassium	ppm	**0**	<1	0	<1

MéTAUX D'USURE

Fer	ppm	**41**	35	31	34
Cuivre	ppm	**2**	2	2	3
Plomb	ppm	**<1**	<1	<1	1
Étain	ppm	**0**	<1	0	<1
Aluminium	ppm	**<1**	<1	<1	<1
Chrome	ppm	**1**	1	1	1
Molybdène	ppm	**0**	0	0	0
Nickel	ppm	**<1**	0	<1	<1
Titane	ppm	**0**	0	0	0
Argent	ppm	**<1**	<1	0	0
Manganèse	ppm	**0**	<1	<1	<1
Vanadium	ppm	**0**	0	0	0

ADDITIFS

Calcium	ppm	**335**	546	617	885
Magnésium	ppm	**2**	2	3	4
Zinc	ppm	**501**	520	550	601
Phosphore	ppm	**400**	464	499	551
Baryum	ppm	**<1**	0	0	0
Bore	ppm	**<1**	<1	<1	<1

BENMET STEEL & METAL
3961 ROAD 111
STRATFORD, ON
CA N5A 6S5
Contact: Service Manager

T:
F:

Diagnostic

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.
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.

Depot: BEN396STR
Unique No: 5671329
Signed: Wes Davis
Report Date: 07 Nov 2023

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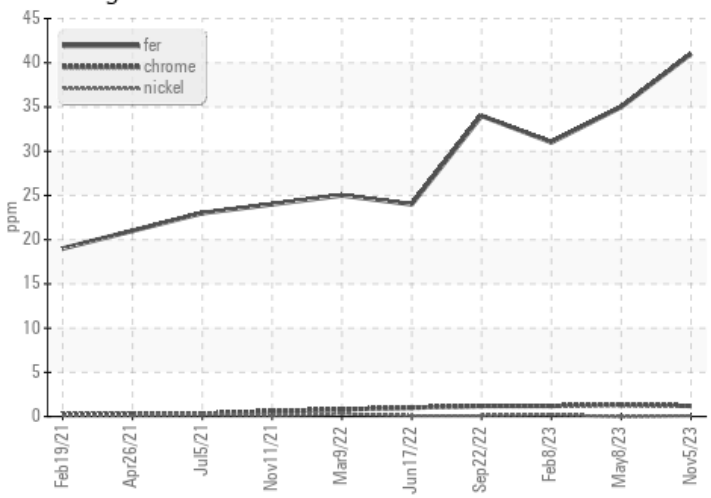
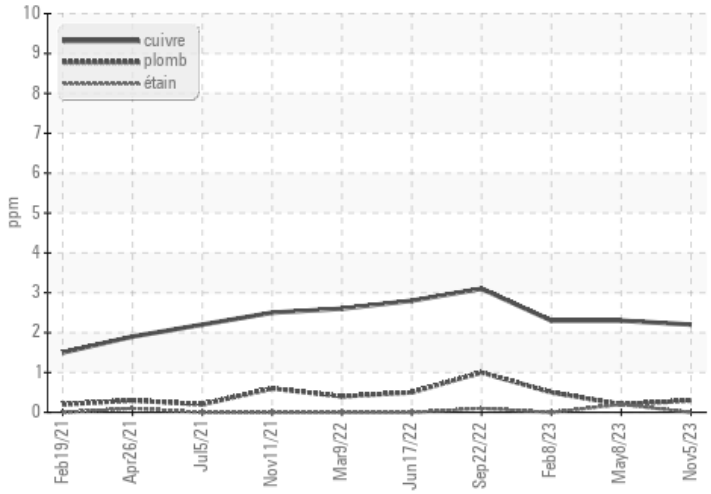
GRAPHS

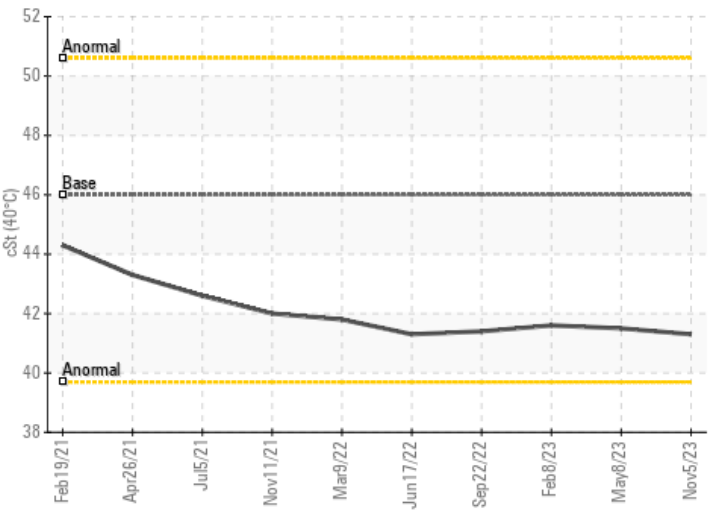
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules