



LIEBHERR LH50M 117 616-1216 - Hydraulic System

Sample No: LH0274533

Oil Type: AW HYDRAULIC OIL ISO 46



CMi - COMBINED METAL INDUSTRIES
 505 GARY RAY DRIVE
 NORTH YORK, ON
 CA M9L 1P9
 Contact: Greg Sacher
 gsacher@combinedmetal.com
 T: (416)642-7262
 F:



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274533	LH0265688	LH0257041	LH0251374
Date d'échant.	23 Aug 2023	11 Jun 2023	12 Apr 2023	24 Jan 2023
Heures de la Machine	13444	12860	12345	11698
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Not Changd
Statut de l'échant.	ABNORMAL	ATTENTION	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	40.9	40.9	41.1	41.6
		●	●	●	●



CONTAMINATION

Particules >4µ		● 60965	● 27031	● 3888	● 11608
Particules >6µ		● 16959	● 6243	● 1000	● 2710
Particules >14µ		● 1218	● 224	● 52	● 117
ISO 4406:1999 (c)		23/21/17	22/20/15	19/17/13	21/19/14
Silicium	ppm	● <1	● <1	● <1	● <1
Sodium	ppm	● 2	● 1	● 1	● <1
Potassium	ppm	● <1	● <1	● 0	● <1



MÉTAUX D'USURE

Fer	ppm	● 20	● 17	● 17	● 15
Cuivre	ppm	● 2	● 2	● 2	● 1
Plomb	ppm	● <1	● 0	● <1	● <1
Étain	ppm	● 0	● 0	● 0	● <1
Aluminium	ppm	● <1	● <1	● <1	● <1
Chrome	ppm	● 2	● 2	● 2	● 1
Molybdène	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● 0	● 0	● 0	● 0
Titane	ppm	● 0	● 0	● 0	● 0
Argent	ppm	● 0	● 0	● 0	● 0
Manganèse	ppm	● <1	● <1	● <1	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



ADDITIFS

Calcium	ppm	● 126	● 139	● 140	● 139
Magnésium	ppm	● 2	● 1	● 1	● 1
Zinc	ppm	● 788	● 818	● 810	● 810
Phosphore	ppm	● 656	● 702	● 691	● 678
Baryum	ppm	● 0	● 0	● 0	● 0
Bore	ppm	● <1	● <1	● <1	● 1

Diagnostic

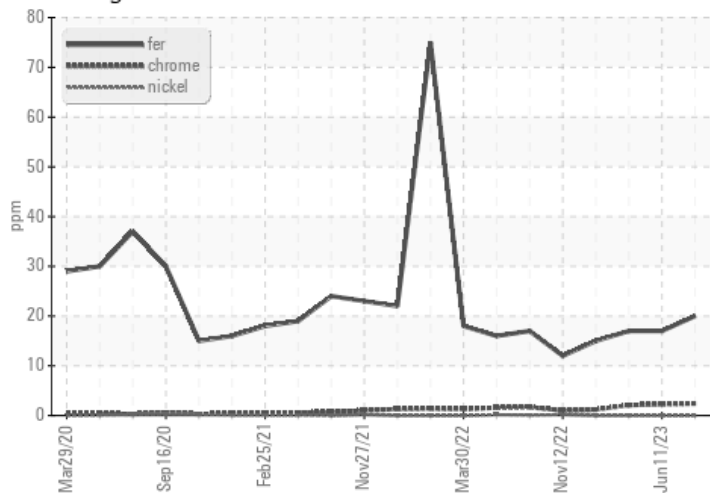
We recommend you service the filters on this component. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: COMWES
 Unique No: 5631187
 Signed: Kevin Marson
 Report Date: 25 Aug 2023

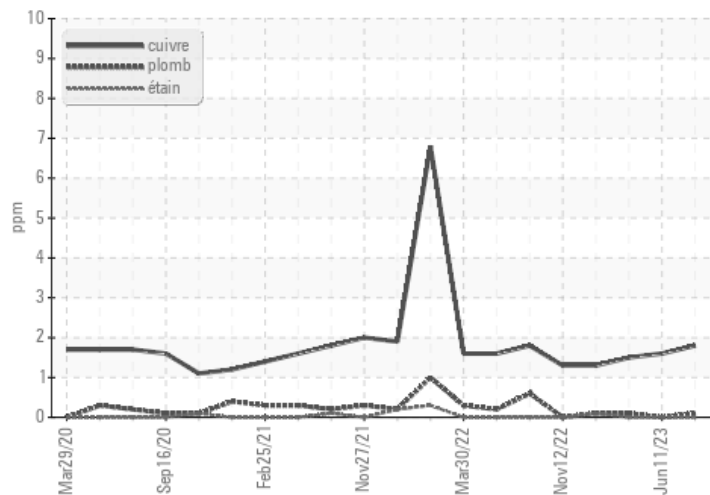


GRAPHS

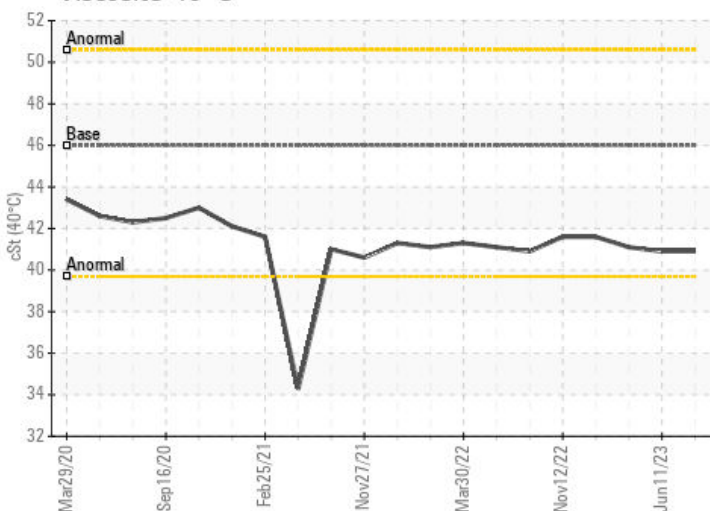
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

