LIEBHERR
CONSTRUCTION EQUIPMENT

LIEBHERR LH30M 121537-1253 - Hydraulic System

Sample No: LH0247147

Oil Type: AW HYDRAULIC OIL ISO 46

LANGILLE`S SCRAP CORES
150 REACH INDUSTRIAL PARK RD
PORT PERRY, ON
CA L9L 1B2
Contact: Service Manager

T: (905)985-6800
F: (905)985-7993

INFORMATION SUR L'éCHANTILLON

Numéro d'échant.		**LH0247147**	LH0234979	LH0239541	LH0239560
Date d'échant.		**24 Jun 2023**	06 Feb 2023	04 Nov 2022	11 Aug 2022
Heures de la Machine		**5805**	4855	4272	0
Heures de l'huile		**0**	0	0	0
Huile changée		**Not Changd**	Not Changd	Not Changd	Not Changd
Statut de l'echant.		**SEVERE**	SEVERE	SEVERE	SEVERE

ÉTAT D'HUILE

Visc 40°C	cSt	**43.0**	39.4	41.4	42.7

CONTAMINATION

Particules >4µ		**4392**	14106	2963	5004
Particules >6µ		**1196**	3898	879	975
Particules >14µ		**84**	256	56	33
ISO 4406:1999 (c)		**19/17/14**	21/19/15	19/17/13	20/17/12
Silicium	ppm	**2**	2	2	2
Sodium	ppm	**3**	3	2	2
Potassium	ppm	**<1**	<1	1	1

MéTAUX D'USURE

PQ		**27**	17	34	27
Fer	ppm	**247**	246	236	187
Cuivre	ppm	**6**	7	6	6
Plomb	ppm	**2**	2	2	2
Étain	ppm	**0**	0	<1	0
Aluminium	ppm	**<1**	<1	<1	<1
Chrome	ppm	**2**	2	2	1
Molybdène	ppm	**<1**	<1	<1	<1
Nickel	ppm	**<1**	<1	<1	<1
Titane	ppm	**0**	0	0	0
Argent	ppm	**<1**	0	0	0
Manganèse	ppm	**3**	3	3	3
Vanadium	ppm	**<1**	<1	<1	<1

ADDITIFS

Calcium	ppm	**371**	464	486	499
Magnésium	ppm	**8**	8	6	6
Zinc	ppm	**478**	474	478	476
Phosphore	ppm	**407**	436	436	403
Baryum	ppm	**0**	0	0	0
Bore	ppm	**<1**	2	2	<1

Diagnostic

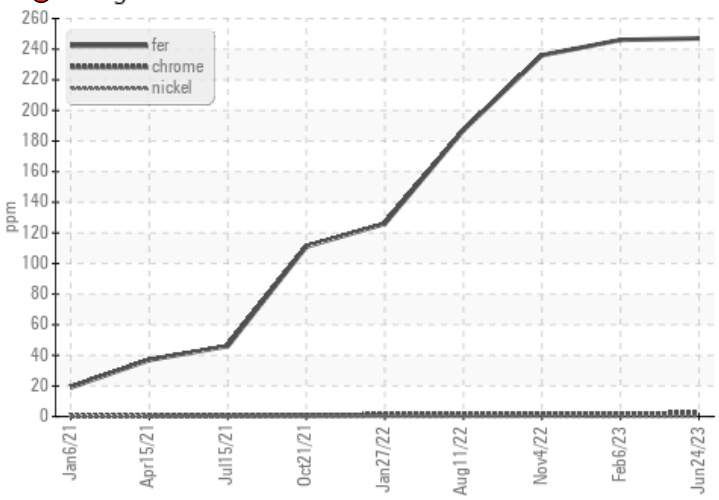
We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.Iron ppm levels are severe. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: LAN150POR
Unique No: 5607734
Signed: Kevin Marson
Report Date: 20 Jul 2023

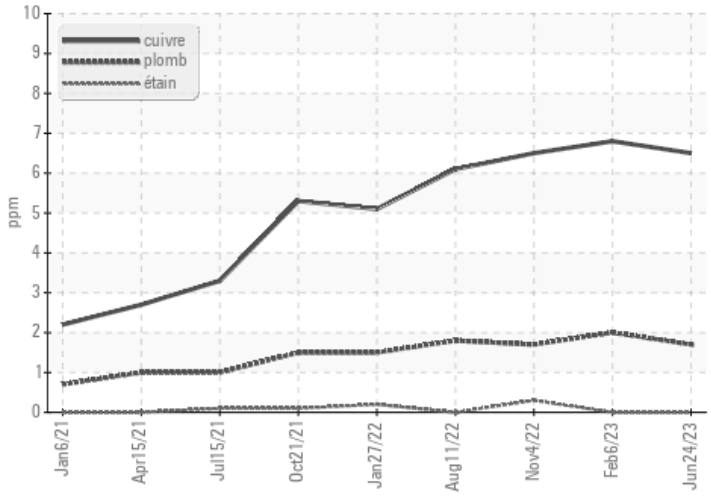
LIEBHERR
CONSTRUCTION EQUIPMENT

GRAPHS

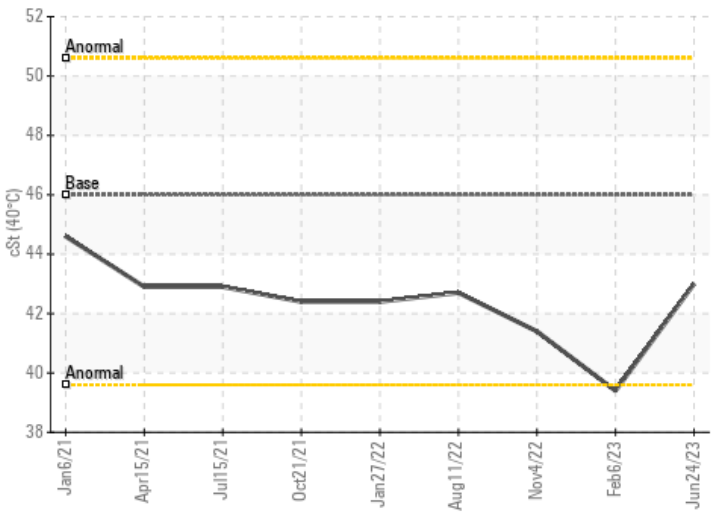
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules