



[(340261)] LIEBHERR LH80M 1277 69-1218 - Hydraulic System

Sample No: LH0278820

Oil Type: AW HYDRAULIC OIL ISO 46



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278820	LH0202926	LH	LH0239289
Date d'échant.	14 Nov 2023	05 Sep 2023	13 Mar 2023	23 Aug 2022
Heures de la Machine	12136	11630	9456	7353
Heures de l'huile	0	0	0	0
Huile changée	N/A	Not Changd	Not Changd	Not Changd
Statut de l'échant.	NORMAL	ATTENTION	NORMAL	NORMAL

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ÉTAT D'HUILE

Visc 40°C	cSt	● 43.5	● 43.4	● 43.3	● 43.5
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CONTAMINATION

Particules >4μ		● 3687	● 21937	● 4663	● 6446
Particules >6μ		● 1025	● 6920	● 1339	● 1204
Particules >14μ		● 71	● 573	● 94	● 77
ISO 4406:1999 (c)		● 19/17/13	● 22/20/16	● 19/18/14	● 20/17/13
Silicium	ppm	● 0	● 2	● 2	● 2
Sodium	ppm	● 0	● 1	● <1	● 1
Potassium	ppm	● 0	● <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 system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	● 15	● 18	● 29	● 37
Cuivre	ppm	● 2	● 2	● 3	● 4
Plomb	ppm	● 0	● 0	● 0	● <1
Étain	ppm	● 0	● 0	● 0	● 0
Aluminium	ppm	● <1	● <1	● <1	● <1
Chrome	ppm	● 2	● 2	● 2	● 2
Molybdène	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● <1	● 0	● 0	● <1
Titane	ppm	● 0	● 0	● 0	● 0
Argent	ppm	● <1	● 0	● 0	● 0
Manganèse	ppm	● 0	● <1	● <1	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



ADDITIFS

Calcium	ppm	● 86	● 98	● 169	● 210
Magnésium	ppm	● 2	● 2	● 5	● 3
Zinc	ppm	● 525	● 567	● 615	● 573
Phosphore	ppm	● 423	● 482	● 551	● 458
Baryum	ppm	● <1	● 0	● 0	● 0
Bore	ppm	● <1	● <1	● 1	● <1

Depot: LAKWHI

Unique No: 5681664

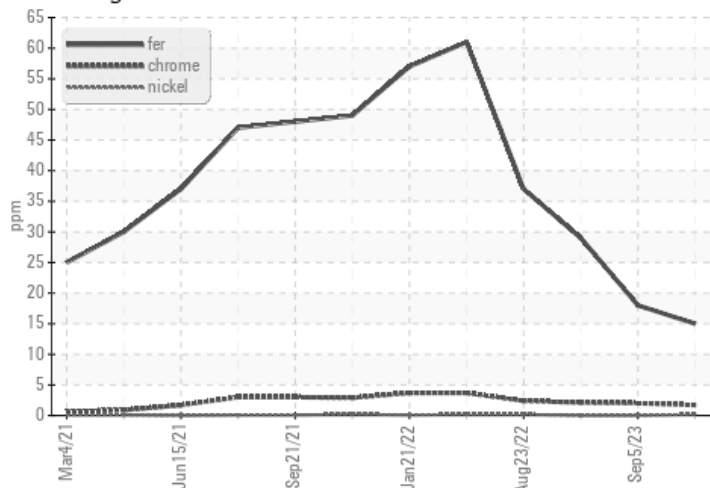
Signed: Wes Davis

Report Date: 16 Nov 2023

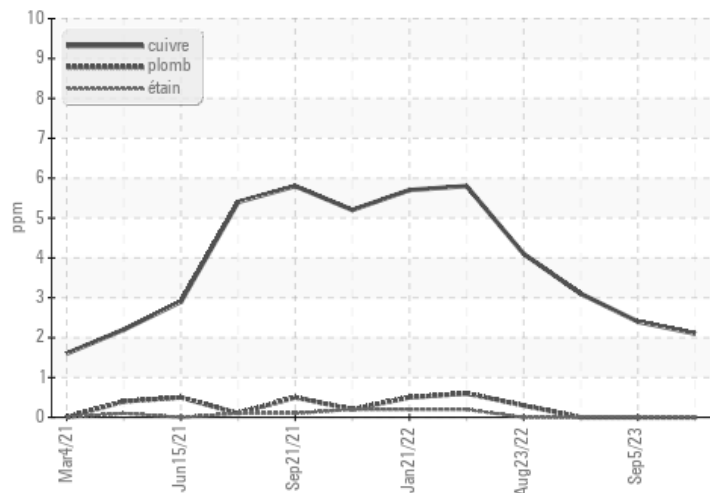


GRAPHS

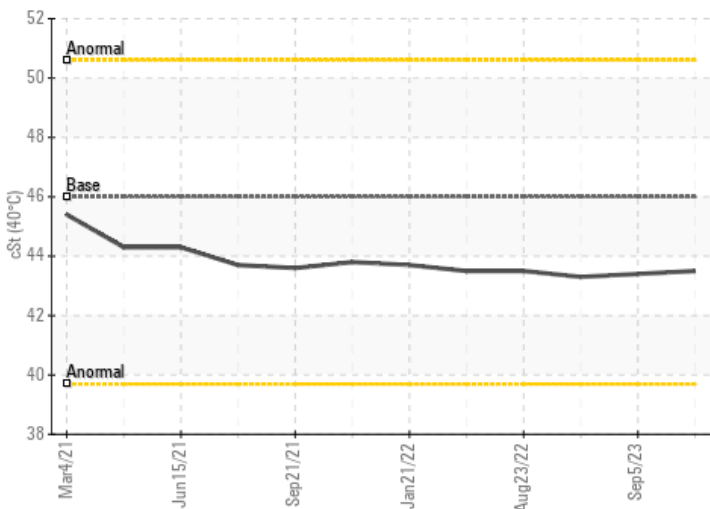
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

