



LIEBHERR LH60M 145111-1217 - Hydraulic System

Sample No: LH0296537

Oil Type: {unknown}



Information sur l'échantillon

Numéro d'échant.	LH0296537	LH0284998	LH0261761	LH0266080
Date d'échant.	07 Jul 2024	12 Feb 2024	06 Sep 2023	20 Jun 2023
Heures de la Machine	4008	2972	2048	1188
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Not Changd
Statut de l'échant.	NORMAL	NORMAL	MARGINAL	NORMAL

RAM IRON AND METAL

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État d'huile

Visc 40°C	cSt	36.1	37.4	37.7	41.2
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Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		4849	7595	5063	4632
Particules >6µ		1078	1939	1285	1052
Particules >14µ		91	88	73	37
ISO 4406:1999 (c)		19/17/14	20/18/14	20/17/13	19/17/12
Silicium	ppm	2	3	4	3
Sodium	ppm	2	2	2	2
Potassium	ppm	2	1	<1	1

Diagnostic

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	59	53	54	35
Cuivre	ppm	9	12	10	6
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	1	<1	<1	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	1	<1	1	<1
Vanadium	ppm	0	0	0	0



Additifs

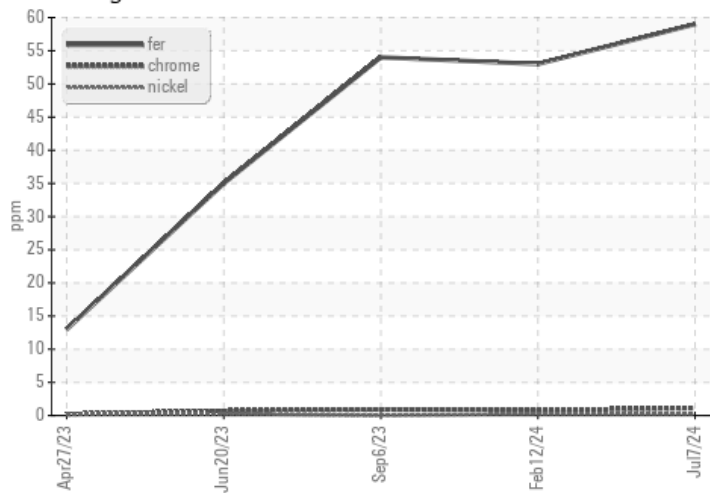
Calcium	ppm	552	714	961	1087
Magnésium	ppm	4	5	6	6
Zinc	ppm	489	519	613	649
Phosphore	ppm	401	456	554	616
Baryum	ppm	<1	0	0	2
Bore	ppm	10	<1	1	<1

Depot: RAMTOR
Unique No: 5811865
Signed: Wes Davis
Report Date: 09 Jul 2024

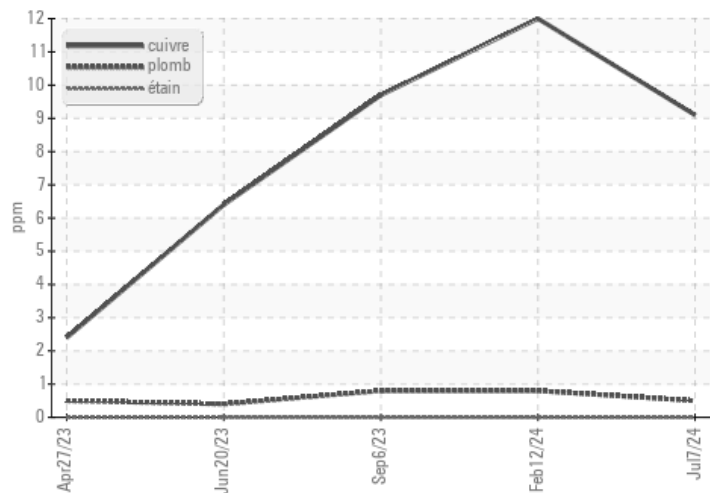


Graphs

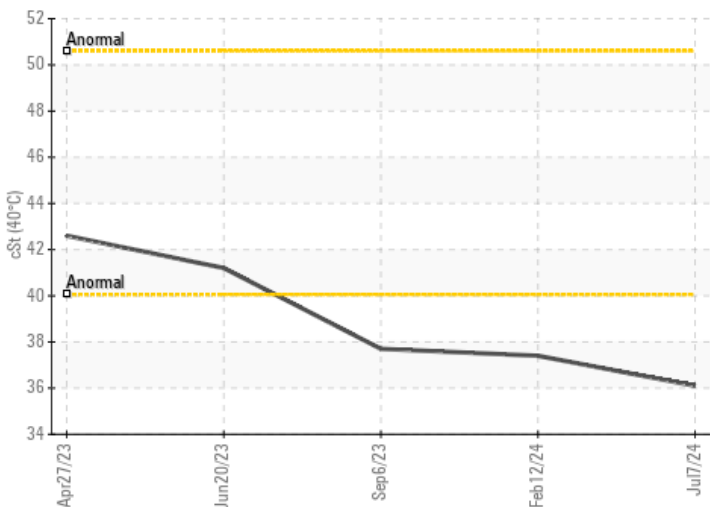
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

