

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145181-1216 - Hydraulic System

Sample No: LH0286806

Oil Type: {unknown}



INFORMATION SUR L'ÉCHANTILLON

| Numéro d'échant. | LH0286806 | LH0277539 | LH0274799 | LH0261386 |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant. | 01 Apr 2024 | 04 Jan 2024 | 29 Aug 2023 | 28 Apr 2023 |
| Heures de la Machine | 2092 | 1614 | 1043 | 497 |
| Heures de l'huile | 0 | 0 | 0 | 0 |
| Huile changée | Not Changd | Not Changd | Not Changd | Not Changd |
| Statut de l'échant. | NORMAL | NORMAL | NORMAL | NORMAL |

METALOGICS INC
70 NORTH QUEEN ST.
ETOBICOKE, ON
CA M8Z 2C7
Contact: Service Manager



ÉTAT D'HUILE

| Visc 40°C | cSt | 42.8 | 43.0 | 43.1 | 44.8 |
|-----------|-----|------|------|------|------|
| | | | | | |

T:
F:



CONTAMINATION

| Eau | % | NEG | NEG | NEG | NEG |
|-------------------|-----|----------|----------|----------|----------|
| Particules >4µ | | 6310 | 4829 | 12877 | 3550 |
| Particules >6µ | | 1409 | 938 | 2213 | 695 |
| Particules >14µ | | 72 | 32 | 87 | 31 |
| ISO 4406:1999 (c) | | 20/18/13 | 19/17/12 | 21/18/14 | 19/17/12 |
| Silicium | ppm | 1 | 2 | 3 | 2 |
| Sodium | ppm | 1 | <1 | 1 | <1 |
| Potassium | ppm | <1 | <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 | 10 | 8 | 8 | 8 |
| Cuivre | ppm | 2 | 2 | 1 | <1 |
| Plomb | ppm | 0 | <1 | 0 | 0 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | <1 | <1 | <1 | <1 |
| Chrome | ppm | 0 | 0 | <1 | 0 |
| Molybdène | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | 0 | <1 | <1 | <1 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | 0 | 0 | 0 | 0 |
| Manganèse | ppm | 0 | 0 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

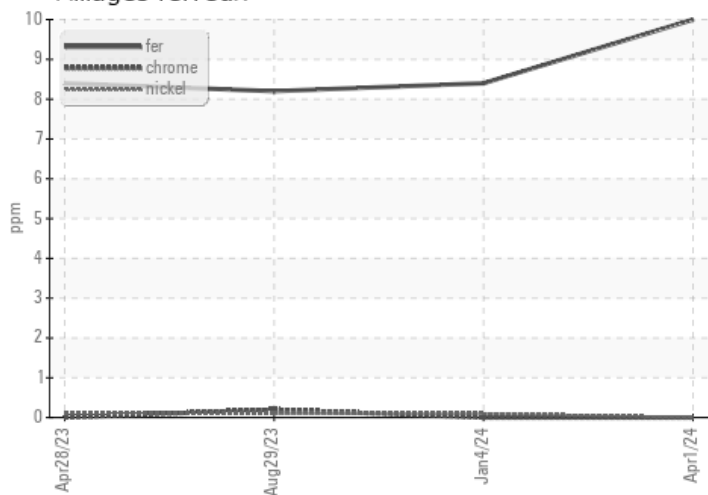
| | | | | | |
|-----------|-----|-----|-----|-----|------|
| Calcium | ppm | 614 | 622 | 760 | 1192 |
| Magnésium | ppm | 2 | 2 | 3 | 3 |
| Zinc | ppm | 550 | 546 | 582 | 647 |
| Phosphore | ppm | 458 | 469 | 519 | 643 |
| Baryum | ppm | 0 | 0 | 0 | 0 |
| Bore | ppm | <1 | 0 | <1 | <1 |

Depot: MET70ETO
Unique No: 5759236
Signed: Wes Davis
Report Date: 03 Apr 2024

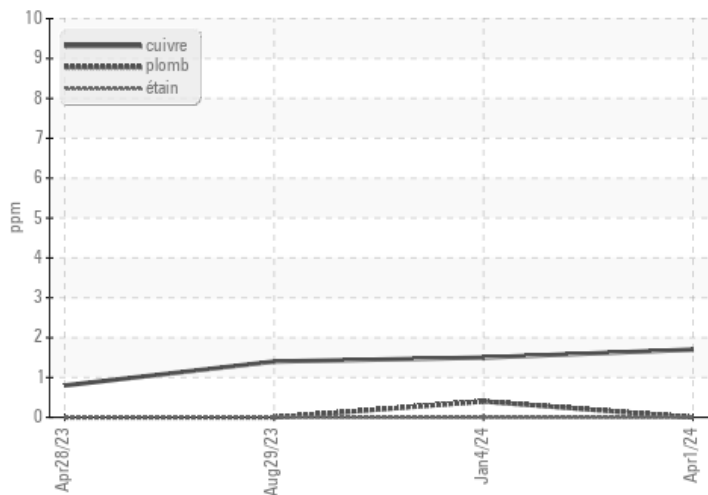


GRAPHS

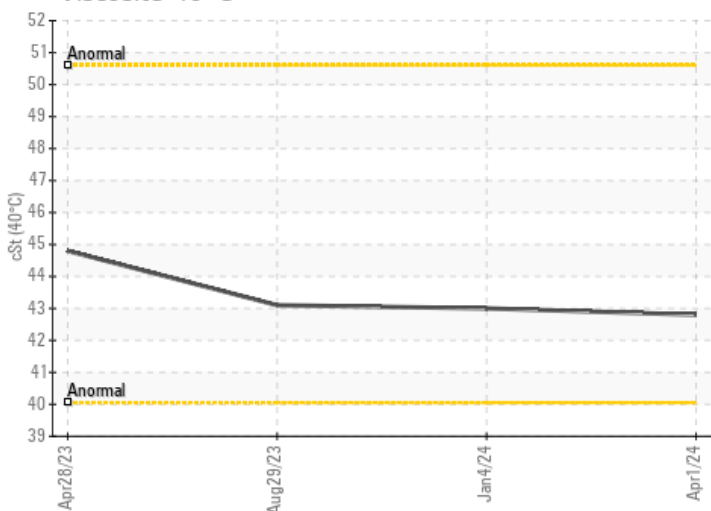
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

