



LIEBHERR LH50M 138820-1216 - Hydraulic System

Sample No: LH

Oil Type: NOT GIVEN



Information sur l'échantillon

| Numéro d'échant. | LH | LH0279436 | LH | LH0260712 |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant. | 01 May 2024 | 11 Dec 2023 | 10 Sep 2023 | 26 May 2023 |
| Heures de la Machine | 1000 | 2140 | 950 | 950 |
| Heures de l'huile | 0 | 0 | 0 | 0 |
| Huile changée | Changed | N/A | N/A | N/A |
| Statut de l'échant. | NORMAL | NORMAL | NORMAL | NORMAL |

D.P. Metal Inc.

373A Chemin Grande-Ligne
Saint-Urbain Premier, QC
CA J0S 1Y0

Contact: Service .



État d'huile

| Visc 40°C | cSt | 41.9 | 42.8 | 42.1 | 42.5 |
|-----------|-----|------|------|------|------|
| | | | | | |

T: (450)427-0506

F:



Contamination

| Eau | % | NEG | NEG | NEG | NEG |
|-------------------|-----|----------|----------|----------|----------|
| Particules >4µ | | 2525 | 2094 | 3346 | 5192 |
| Particules >6µ | | 571 | 570 | 769 | 1226 |
| Particules >14µ | | 22 | 39 | 65 | 59 |
| ISO 4406:1999 (c) | | 19/16/12 | 18/16/12 | 19/17/13 | 20/17/13 |
| Silicium | ppm | 2 | 4 | 4 | 4 |
| Sodium | ppm | 2 | 1 | 2 | 1 |
| Potassium | ppm | 1 | 0 | <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 | 7 | 7 | 9 | 8 |
| Cuivre | ppm | 3 | 3 | 3 | 2 |
| Plomb | ppm | 0 | <1 | <1 | <1 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | <1 | <1 | <1 | <1 |
| Chrome | ppm | <1 | 0 | <1 | 0 |
| Molybdène | ppm | 35 | 38 | 21 | 10 |
| Nickel | ppm | 0 | <1 | 0 | 0 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | 0 | <1 | 0 | 0 |
| Manganèse | ppm | 0 | 0 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



Additifs

| | | | | | |
|-----------|-----|-----|-----|------|------|
| Calcium | ppm | 766 | 800 | 1056 | 1302 |
| Magnésium | ppm | 2 | 2 | 3 | 4 |
| Zinc | ppm | 627 | 645 | 617 | 668 |
| Phosphore | ppm | 554 | 563 | 592 | 655 |
| Baryum | ppm | 0 | <1 | 0 | 0 |
| Bore | ppm | <1 | <1 | <1 | <1 |

Depot: DPMSAI

Unique No: 5773956

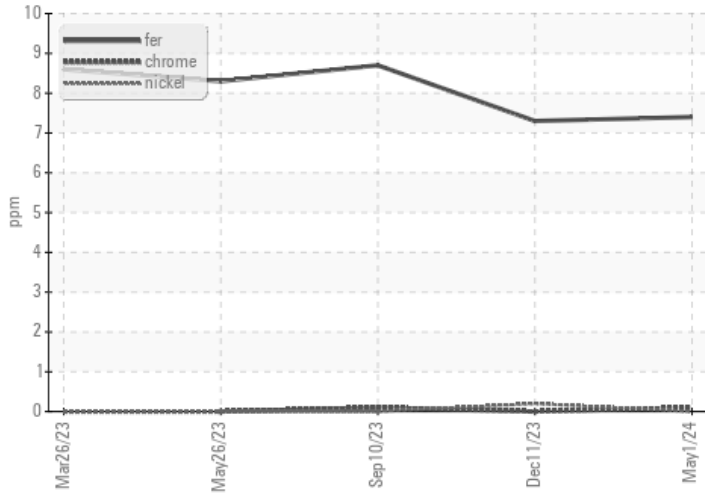
Signed: Wes Davis

Report Date: 03 May 2024

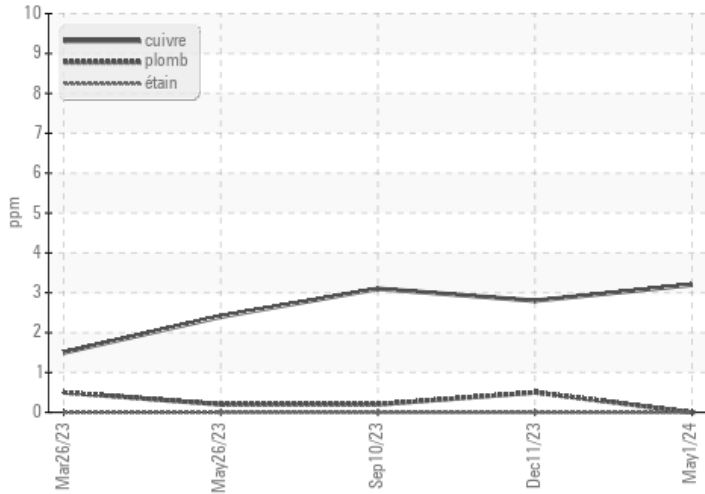


Graphs

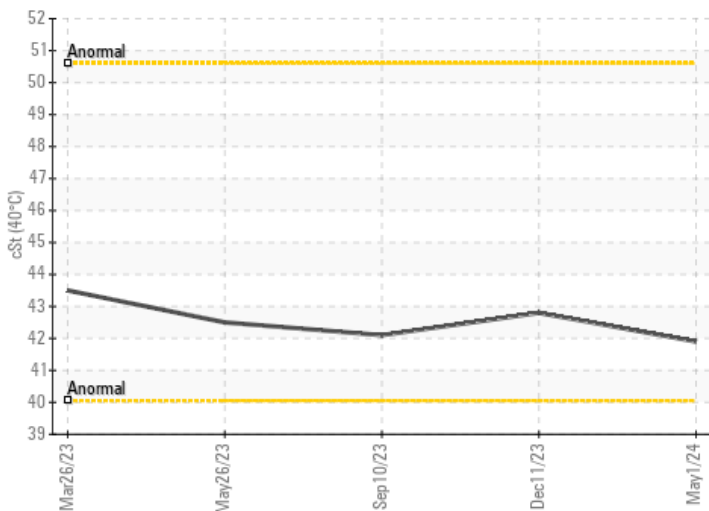
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

