

LIEBHERR

CONSTRUCTION EQUIPMENT



[(359465)] LIEBHERR L556 064990-1757 - Hydraulic System

Sample No: LH0276894

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



INFORMATION SUR L'ÉCHANTILLON

| Numéro d'échant. | LH0276894 | LH0223953 | LH0202616 | LH0213969 |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant. | 24 Oct 2023 | 02 Nov 2022 | 05 Mar 2022 | 15 Dec 2021 |
| Heures de la Machine | 9023 | 5008 | 2010 | 1000 |
| Heures de l'huile | 0 | 0 | 0 | 0 |
| Huile changée | Not Changd | Not Changd | Not Changd | Changed |
| Statut de l'échant. | NORMAL | NORMAL | NORMAL | NORMAL |

Eacom Timber Corporation
 100 Old Nairn Centre Road
 Nairn Centre, ON
 CA P0M 2L0
 Contact: Service Manager



ÉTAT D'HUILE

| Visc 40°C | cSt | 45.4 | 41.5 | 45.8 | 46.2 |
|-----------|-----|------|------|------|------|
|-----------|-----|------|------|------|------|

T:
F:



CONTAMINATION

| Eau | % | NEG | NEG | NEG | NEG |
|-------------------|-----|---------|----------|---------|---------|
| Particules >4µ | | 619 | 1705 | 14617 | 19414 |
| Particules >6µ | | 61 | 204 | 36 | 246 |
| Particules >14µ | | 4 | 12 | 2 | 4 |
| ISO 4406:1999 (c) | | 16/13/9 | 18/15/11 | 21/12/9 | 21/15/9 |
| Silicium | ppm | 3 | 4 | 4 | 3 |
| Sodium | ppm | 1 | 2 | 2 | 1 |
| Potassium | ppm | <1 | <1 | <1 | 2 |

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 | 9 | 9 | 9 | 6 |
| Cuivre | ppm | 3 | 3 | 3 | 2 |
| Plomb | ppm | 7 | 5 | 1 | 1 |
| Étain | ppm | 0 | <1 | <1 | <1 |
| Aluminium | ppm | 2 | 2 | 2 | 1 |
| Chrome | ppm | 8 | 6 | 6 | 2 |
| Molybdène | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | <1 | 0 | <1 | 0 |
| Titane | ppm | 0 | <1 | 0 | 0 |
| Argent | ppm | <1 | 0 | 0 | <1 |
| Manganèse | ppm | 0 | <1 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

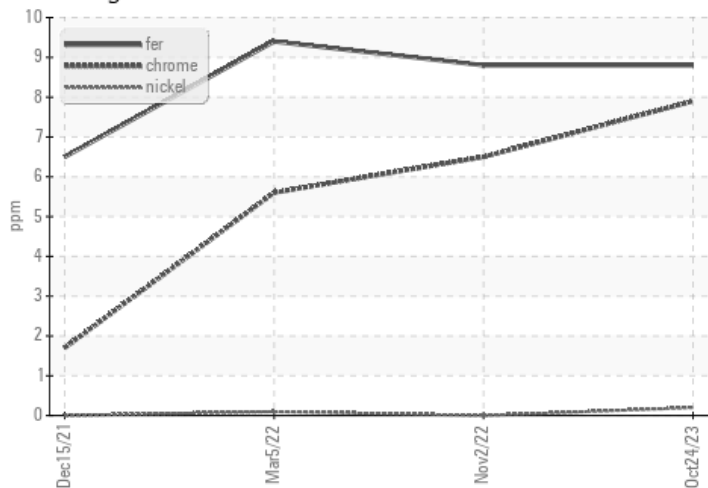
| | | | | | |
|-----------|-----|-----|-----|------|------|
| Calcium | ppm | 503 | 975 | 1302 | 1381 |
| Magnésium | ppm | 2 | 3 | 4 | 4 |
| Zinc | ppm | 779 | 716 | 717 | 704 |
| Phosphore | ppm | 645 | 663 | 645 | 652 |
| Baryum | ppm | <1 | 0 | <1 | <1 |
| Bore | ppm | <1 | 1 | <1 | <1 |

Depot: EACNAI
 Unique No: 5682642
 Signed: Wes Davis
 Report Date: 21 Nov 2023

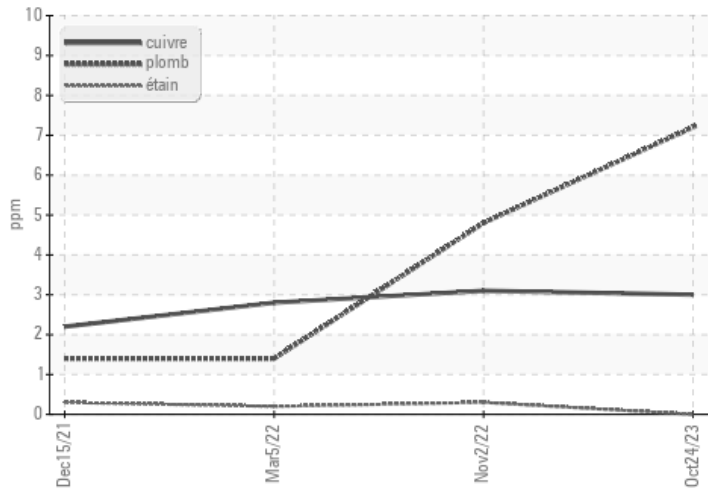


GRAPHS

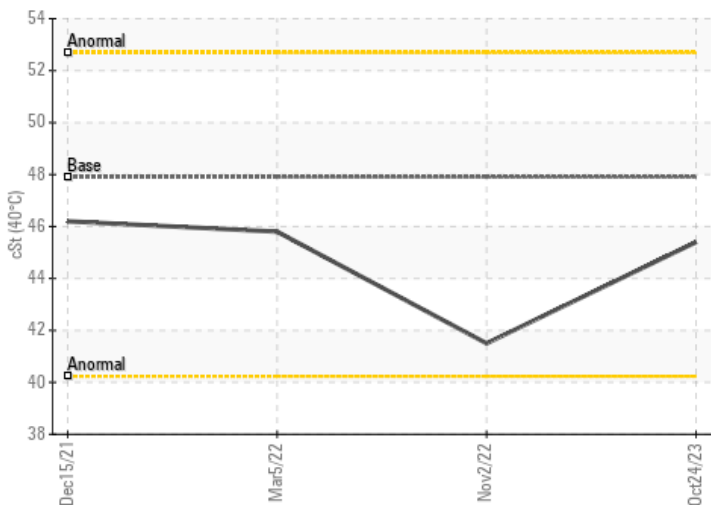
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

