

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362878)] LIEBHERR LH80M 135287-1218 - Hydraulic System

Sample No: LH0277419

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



INFORMATION SUR L'ÉCHANTILLON

| | | | | |
|----------------------|-------------|-------------|-------------|-------------|
| Numéro d'échant. | LH0277419 | LH0274366 | LH0265829 | LH0261326 |
| Date d'échant. | 23 Oct 2023 | 05 Sep 2023 | 21 Jul 2023 | 18 Apr 2023 |
| Heures de la Machine | 8967 | 3998 | 7724 | 6397 |
| 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 |

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ÉTAT D'HUILE

| | | | | | |
|-----------|-----|------|------|------|------|
| Visc 40°C | cSt | 43.7 | 43.8 | 43.4 | 44.1 |
|-----------|-----|------|------|------|------|



CONTAMINATION

| | | | | | |
|-------------------|-----|----------|----------|----------|----------|
| Particules >4µ | | 1953 | 16724 | 418 | 2101 |
| Particules >6µ | | 658 | 4986 | 109 | 487 |
| Particules >14µ | | 30 | 362 | 10 | 22 |
| ISO 4406:1999 (c) | | 18/17/12 | 21/19/16 | 16/14/10 | 18/16/12 |
| Silicium | ppm | 3 | 3 | 3 | 3 |
| Sodium | ppm | 1 | 1 | 1 | <1 |
| Potassium | ppm | <1 | <1 | <1 | 0 |

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 | 29 | 29 | 30 | 20 |
| Cuivre | ppm | 3 | 4 | 3 | 2 |
| Plomb | ppm | <1 | <1 | <1 | <1 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | 0 | <1 | <1 | <1 |
| Chrome | ppm | 3 | 3 | 3 | 2 |
| Molybdène | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | 0 | 0 | 0 | 0 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | <1 | 0 | <1 | 0 |
| Manganèse | ppm | 0 | <1 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Calcium | ppm | 225 | 239 | 268 | 315 |
| Magnésium | ppm | 3 | 3 | 3 | 4 |
| Zinc | ppm | 551 | 534 | 542 | 541 |
| Phosphore | ppm | 448 | 467 | 473 | 498 |
| Baryum | ppm | 0 | 0 | 0 | 0 |
| Bore | ppm | 1 | 1 | <1 | <1 |

Depot: LAKWHI

Unique No: 5668558

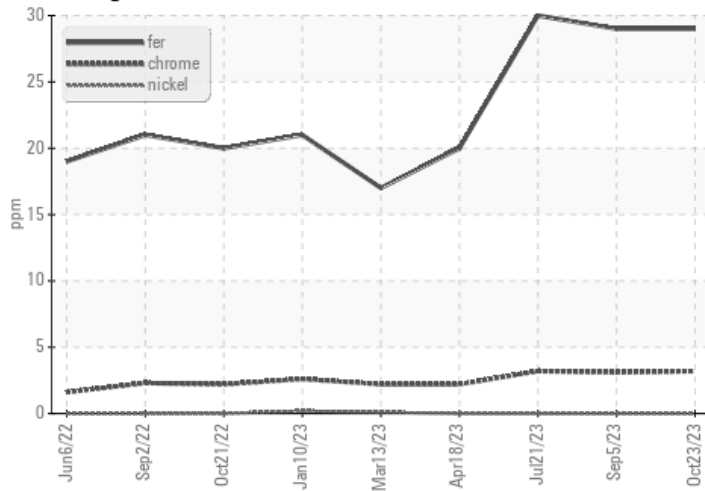
Signed: Wes Davis

Report Date: 25 Oct 2023

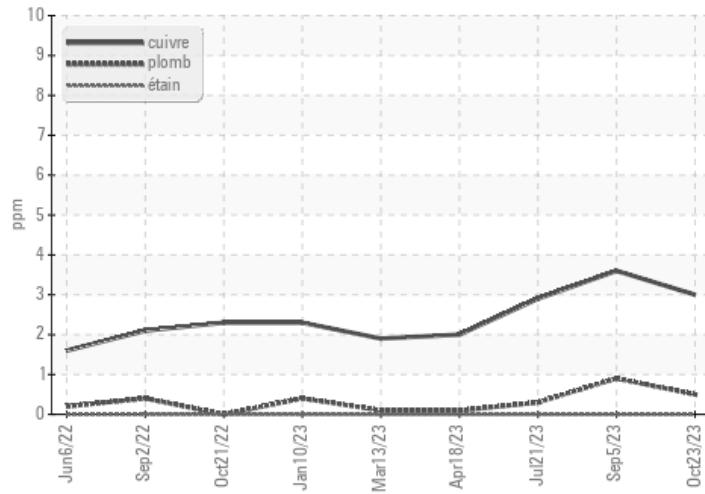


GRAPHS

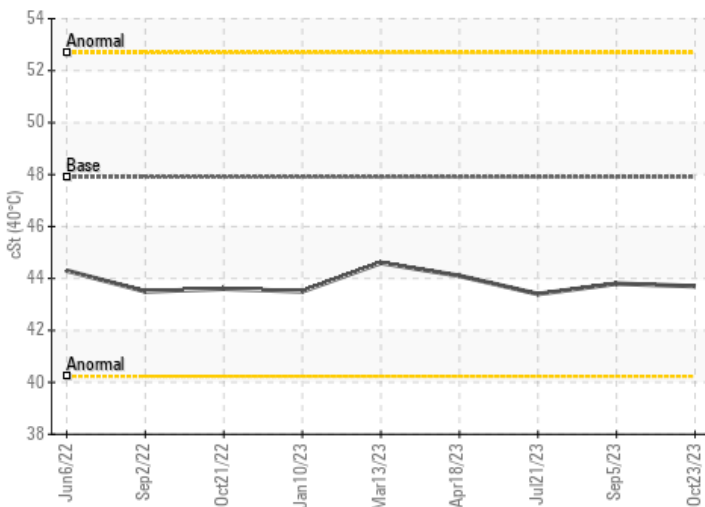
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

