



# LIEBHERR

## RAPPORT D'ANALYSE D'HUILE

USURE **NORMAL**

CONTAMINATION **NORMAL**

ÉTAT DU FLUIDE **NORMAL**



Identité de la machine

**LIEBHERR LH30M 078763-1200**

Composant

**Boîte de séparation**

Fluid

**PETRO CANADA TRAXON SYNTHETIC 75W90 (--- GAL)**

### RECOMMANDATION

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage.  
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

| Test                | UOM | Method      | Limit/Abn | Current            | History1    | History2    |
|---------------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Numéro d'échant.    |     | Client Info |           | <b>LH0282814</b>   | LH          | LH0239154   |
| Date d'échant.      |     | Client Info |           | <b>25 Mar 2024</b> | 15 May 2023 | 24 Aug 2022 |
| Âge d la Machine    | hrs | Client Info |           | <b>16527</b>       | 0           | 13525       |
| Âge de l'huile      | hrs | Client Info |           | <b>0</b>           | 0           | 0           |
| Âge du filtre       | hrs | Client Info |           | <b>0</b>           | 0           | 0           |
| Huile changée       |     | Client Info |           | <b>Changed</b>     | Changed     | Changed     |
| Filtre changé       |     | Client Info |           | <b>N/A</b>         | N/A         | N/A         |
| Statut de l'échant. |     |             |           | <b>NORMAL</b>      | NORMAL      | NORMAL      |

### USURE

Les taux d'usure de tous les composants sont normaux.

|             |        |               |      |              |      |       |
|-------------|--------|---------------|------|--------------|------|-------|
| Fer         | ppm    | ASTM D5185(m) | >100 | <b>30</b>    | 37   | 24    |
| Chrome      | ppm    | ASTM D5185(m) | >5   | <b>&lt;1</b> | <1   | <1    |
| Nickel      | ppm    | ASTM D5185(m) | >5   | <b>&lt;1</b> | <1   | <1    |
| Titane      | ppm    | ASTM D5185(m) |      | <b>&lt;1</b> | 1    | 0     |
| Argent      | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0    | 0     |
| Aluminium   | ppm    | ASTM D5185(m) | >20  | <b>&lt;1</b> | 1    | <1    |
| Plomb       | ppm    | ASTM D5185(m) | >30  | <b>0</b>     | 0    | <1    |
| Cuivre      | ppm    | ASTM D5185(m) | >20  | <b>2</b>     | <1   | <1    |
| Étain       | ppm    | ASTM D5185(m) | >10  | <b>0</b>     | 0    | 0     |
| Vanadium    | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0    | 0     |
| Métal blanc | scalar | Visual*       | NONE | <b>NONE</b>  | NONE | VLITE |
| Bronze      | scalar | Visual*       | NONE | <b>NONE</b>  | NONE | NONE  |

### CONTAMINATION

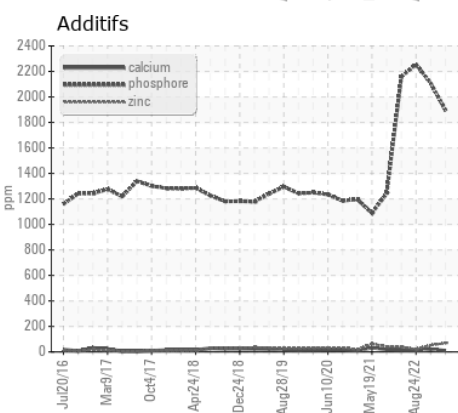
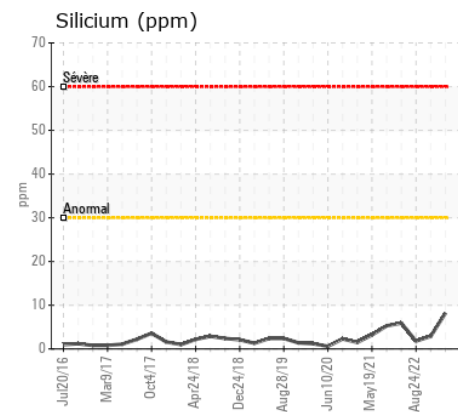
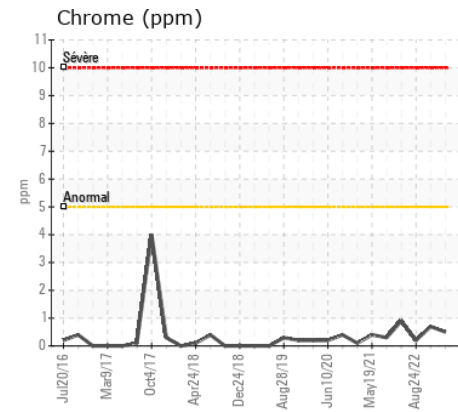
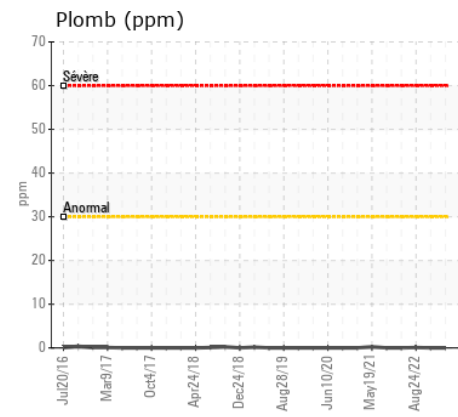
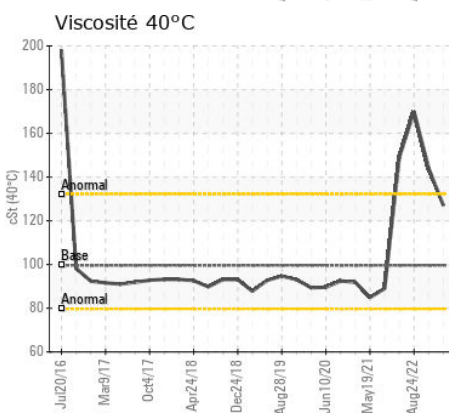
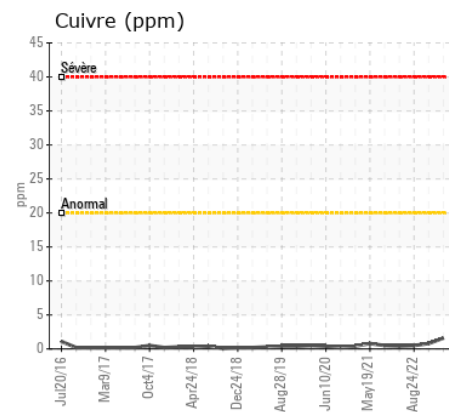
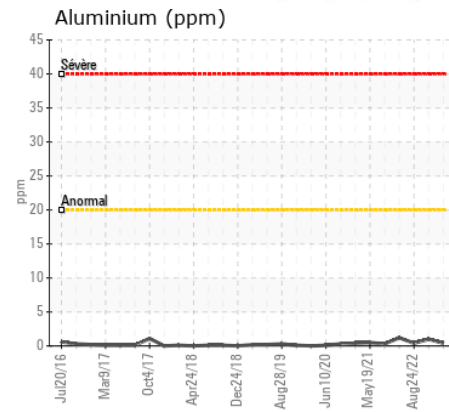
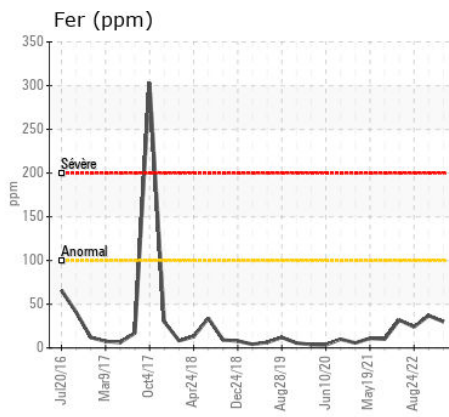
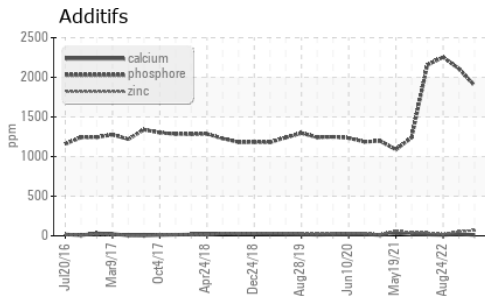
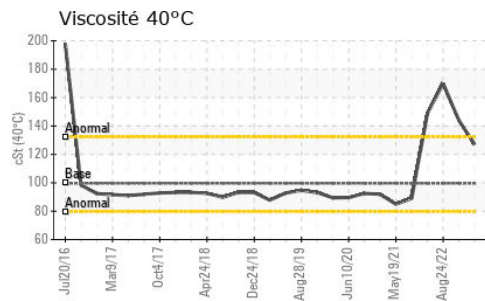
Il n'y a aucun indice de contamination dans l'huile.

|                |        |               |       |              |       |       |
|----------------|--------|---------------|-------|--------------|-------|-------|
| Silicium       | ppm    | ASTM D5185(m) | >30   | <b>8</b>     | 3     | 2     |
| Potassium      | ppm    | ASTM D5185(m) | >20   | <b>&lt;1</b> | <1    | 0     |
| L'eau          |        | WC Method     | >0.1  | <b>NEG</b>   | NEG   | NEG   |
| Limon          | scalar | Visual*       | NONE  | <b>NONE</b>  | NONE  | NONE  |
| Débris         | scalar | Visual*       | NONE  | <b>NONE</b>  | NONE  | NONE  |
| Saleté         | scalar | Visual*       | NONE  | <b>NONE</b>  | NONE  | NONE  |
| Apparence      | scalar | Visual*       | NORML | <b>NORML</b> | NORML | NORML |
| Odeur          | scalar | Visual*       | NORML | <b>NORML</b> | NORML | NORML |
| Eau émulsifiée | scalar | Visual*       | >0.1  | <b>NEG</b>   | NEG   | NEG   |

### ÉTAT DU FLUIDE

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

|           |     |               |       |              |       |       |
|-----------|-----|---------------|-------|--------------|-------|-------|
| Sodium    | ppm | ASTM D5185(m) | >25   | <b>&lt;1</b> | 1     | <1    |
| Bore      | ppm | ASTM D5185(m) | 328   | <b>4</b>     | 6     | 16    |
| Baryum    | ppm | ASTM D5185(m) | 1     | <b>0</b>     | 0     | 0     |
| Molybdène | ppm | ASTM D5185(m) |       | <b>0</b>     | 0     | 0     |
| Manganèse | ppm | ASTM D5185(m) |       | <b>0</b>     | <1    | <1    |
| Magnésium | ppm | ASTM D5185(m) | 1     | <b>8</b>     | 2     | <1    |
| Calcium   | ppm | ASTM D5185(m) | 7     | <b>10</b>    | 21    | 11    |
| Phosphore | ppm | ASTM D5185(m) | 1145  | <b>1896</b>  | 2109  | 2255  |
| Zinc      | ppm | ASTM D5185(m) | 3     | <b>69</b>    | 53    | 21    |
| Soufre    | ppm | ASTM D5185(m) | 17909 | <b>21850</b> | 25200 | 32111 |
| Visc 40°C | cSt | ASTM D7279(m) | 99.6  | <b>127</b>   | 144   | 170   |



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : LH0282814  
**N° de laboratoire** : 02625767  
**Reçu** : 01 Apr 2024  
**Tested** : 01 Apr 2024  
**Numéro unique** : 5750886  
**Diagnostiqué** : 01 Apr 2024 - Wes Davis  
**Analyse** : MOB 1

**DEITCHER BROS INC**  
 6550 ST. PATRICK  
 LASALLE, QC  
 CA H8N 1V2  
 Contact: Maintenance Manager

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.

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