

LIEBHERR

CONSTRUCTION EQUIPMENT



054897-1650 - Swing Drive

Sample No: LH0292448

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Information sur l'échantillon

| | | | | |
|----------------------|-------------|-------------|-----|-----|
| Numéro d'échant. | LH0292448 | LH0243058 | --- | --- |
| Date d'échant. | 18 Jun 2024 | 17 Jan 2023 | --- | --- |
| Heures de la Machine | 1937 | 641 | --- | --- |
| Heures de l'huile | 0 | 0 | --- | --- |
| Huile changée | Changed | Changed | --- | --- |
| Statut de l'échant. | ABNORMAL | NORMAL | --- | --- |

Delsan - American Iron and Metal
 2187 Montee Masson
 Laval, QC
 CA H7B 0A6
 Contact: MANNY MARQUES
 mmarques@delsan-aim.com
 T:
 F:



État d'huile

| | | | | | |
|-----------|-----|-----|-------|-----|-----|
| Visc 40°C | cSt | 243 | ● 176 | --- | --- |
|-----------|-----|-----|-------|-----|-----|



Contamination

| | | | | | |
|-----------|-----|---------|------|-----|-----|
| Eau | % | ● 0.384 | NEG | --- | --- |
| Silicium | ppm | ● 2 | ● 4 | --- | --- |
| Sodium | ppm | ● 1 | ● 4 | --- | --- |
| Potassium | ppm | ● <1 | ● <1 | --- | --- |



Métaux d'usure

| | | | | | |
|-----------|-----|-------|-------|-----|-----|
| PQ | | ● 0 | --- | --- | --- |
| Fer | ppm | ● 804 | ● 137 | --- | --- |
| Cuivre | ppm | ● <1 | ● 0 | --- | --- |
| Plomb | ppm | ● 0 | ● 0 | --- | --- |
| Étain | ppm | ● 0 | ● 0 | --- | --- |
| Aluminium | ppm | ● <1 | ● <1 | --- | --- |
| Chrome | ppm | ● 12 | ● 3 | --- | --- |
| Molybdène | ppm | ● 0 | ● <1 | --- | --- |
| Nickel | ppm | ● <1 | ● <1 | --- | --- |
| Titane | ppm | <1 | <1 | --- | --- |
| Argent | ppm | 0 | 0 | --- | --- |
| Manganèse | ppm | ● 9 | ● 2 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



Additifs

| | | | | | |
|-----------|-----|------|--------|-----|-----|
| Calcium | ppm | ● 7 | ● 18 | --- | --- |
| Magnésium | ppm | ● <1 | ● 3 | --- | --- |
| Zinc | ppm | ● 11 | ● 14 | --- | --- |
| Phosphore | ppm | 2103 | ● 2492 | --- | --- |
| Baryum | ppm | ● <1 | ● 5 | --- | --- |
| Bore | ppm | 6 | ● 2 | --- | --- |

Diagnostic

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Chromium and iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a moderate concentration of water present in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 80W140 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: DEL782MON
Unique No: 5801753
Signed: Kevin Marson
Report Date: 28 Jun 2024



Graphs

