

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 057998-1334 - Front Differential

Sample No: LH0123062

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



INFORMATION SUR L'ÉCHANTILLON

| | | | | |
|----------------------|-------------|-------------|-------------|-----|
| Numéro d'échant. | LH0123062 | LH0214207 | LH0239214 | --- |
| Date d'échant. | 19 Sep 2023 | 23 Mar 2023 | 03 Oct 2022 | --- |
| Heures de la Machine | 7088 | 6035 | 5078 | --- |
| Heures de l'huile | 0 | 0 | 0 | --- |
| Huile changée | Changed | Changed | Changed | --- |
| Statut de l'échant. | NORMAL | ABNORMAL | NORMAL | --- |

THOMAS CAVANAGH CONSTRUCTION LTD
RR # 2, 9094 CAVANAGH ROAD
ASHTON, ON
CA K0A 1B0
Contact: Keith



ÉTAT D'HUILE

| | | | | | |
|-----------|-----|-----|------|------|-----|
| Visc 40°C | cSt | 140 | 89.5 | 91.2 | --- |
|-----------|-----|-----|------|------|-----|

T: (613)257-4995
F: (613)253-0071



CONTAMINATION

| | | | | | |
|-----------|-----|----|----|---|-----|
| Silicium | ppm | 10 | 5 | 7 | --- |
| Sodium | ppm | 2 | 1 | 3 | --- |
| Potassium | ppm | 0 | <1 | 0 | --- |

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

| | | | | | |
|-----------|-----|----|----|-----|-----|
| Fer | ppm | 93 | 95 | 239 | --- |
| Cuivre | ppm | 44 | 37 | 45 | --- |
| Plomb | ppm | 1 | 1 | 2 | --- |
| Étain | ppm | 2 | 2 | <1 | --- |
| Aluminium | ppm | 1 | <1 | 2 | --- |
| Chrome | ppm | <1 | <1 | 3 | --- |
| Molybdène | ppm | 0 | <1 | 2 | --- |
| Nickel | ppm | 0 | <1 | 0 | --- |
| Titane | ppm | 0 | 0 | <1 | --- |
| Argent | ppm | 0 | 0 | 0 | --- |
| Manganèse | ppm | 2 | 2 | 3 | --- |
| Vanadium | ppm | 0 | 0 | 0 | --- |



ADDITIFS

| | | | | | |
|-----------|-----|------|------|------|-----|
| Calcium | ppm | 172 | 480 | 2972 | --- |
| Magnésium | ppm | 4 | 6 | 25 | --- |
| Zinc | ppm | 97 | 183 | 1160 | --- |
| Phosphore | ppm | 2406 | 2579 | 2136 | --- |
| Baryum | ppm | 0 | 0 | 0 | --- |
| Bore | ppm | 74 | 247 | 34 | --- |

Depot: CAVASH
Unique No: 5645779
Signed: Wes Davis
Report Date: 22 Sep 2023



GRAPHS

