



LIEBHERR LH50M 097459-1216 - Front Left Wheel Hub

Sample No: LH0277105

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



INFORMATION SUR L'ÉCHANTILLON

| Numéro d'échant. | LH0277105 | LH0250291 | LH0238568 | LH0230417 |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant. | 13 Oct 2023 | 31 May 2023 | 24 Oct 2022 | 05 May 2022 |
| Heures de la Machine | 28718 | 26834 | 1000 | 22099 |
| Heures de l'huile | 0 | 0 | 0 | 0 |
| Huile changée | Changed | Changed | N/A | Changed |
| Statut de l'échant. | NORMAL | NORMAL | NORMAL | NORMAL |

J.D. Irving

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ÉTAT D'HUILE

| Visc 40°C | cSt | 95.3 | 91.3 | 91.7 | 87.7 |
|-----------|-----|------|------|------|------|
|-----------|-----|------|------|------|------|



CONTAMINATION

| Élément | Unité | 2 | 2 | 2 | 3 |
|-----------|-------|----|----|----|---|
| Silicium | ppm | 2 | 2 | 2 | 3 |
| Sodium | ppm | 2 | 2 | 3 | 1 |
| Potassium | ppm | <1 | <1 | <1 | 0 |



MÉTAUX D'USURE

| Élément | Unité | 37 | 27 | 47 | 44 |
|-----------|-------|----|----|----|----|
| Fer | ppm | 37 | 27 | 47 | 44 |
| Cuivre | ppm | 13 | 11 | 16 | 15 |
| Plomb | ppm | <1 | <1 | <1 | <1 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | <1 | <1 | <1 | <1 |
| Chrome | ppm | 0 | 0 | 0 | <1 |
| Molybdène | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | 0 | 0 | <1 | <1 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | <1 | 0 | 0 | 0 |
| Manganèse | ppm | <1 | <1 | 1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

| Élément | Unité | 15 | 19 | 23 | 13 |
|-----------|-------|------|------|------|------|
| Calcium | ppm | 15 | 19 | 23 | 13 |
| Magnésium | ppm | 2 | 4 | 2 | 3 |
| Zinc | ppm | 21 | 22 | 23 | 21 |
| Phosphore | ppm | 1278 | 1319 | 1330 | 1321 |
| Baryum | ppm | <1 | 0 | 0 | 0 |
| Bore | ppm | 319 | 304 | 310 | 315 |

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: JDITRU
Unique No: 5668215
Signed: Wes Davis
Report Date: 23 Oct 2023



GRAPHS

