

LIEBHERR

CONSTRUCTION EQUIPMENT



OR1855 - Front Left Wheel Hub

Sample No: LH0261146

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



GFL Environmental - 766 - Drummondville - Hauling - Solid Waste
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SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | LH0261146 | LH0239096 | --- | --- |
| Sample Date | 12 Jul 2023 | 01 Nov 2022 | --- | --- |
| Machine Hours | 0 | 530 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|------|------|-----|-----|
| Visc @ 40°C | cSt | 63.4 | 63.9 | --- | --- |
|-------------|-----|------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|----|----|-----|-----|
| Silicon | ppm | 6 | 4 | --- | --- |
| Sodium | ppm | 20 | 19 | --- | --- |
| Potassium | ppm | <1 | 1 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|----|----|-----|-----|
| Iron | ppm | 32 | 29 | --- | --- |
| Copper | ppm | 40 | 13 | --- | --- |
| Lead | ppm | 1 | <1 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 1 | 1 | --- | --- |
| Chromium | ppm | <1 | <1 | --- | --- |
| Molybdenum | ppm | 0 | 0 | --- | --- |
| Nickel | ppm | 0 | 0 | --- | --- |
| Titanium | ppm | 0 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | <1 | <1 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|------|-----|-----|
| Calcium | ppm | 3505 | 3657 | --- | --- |
| Magnesium | ppm | 10 | 10 | --- | --- |
| Zinc | ppm | 1414 | 1441 | --- | --- |
| Phosphorus | ppm | 1210 | 1232 | --- | --- |
| Barium | ppm | <1 | <1 | --- | --- |
| Boron | ppm | 99 | 105 | --- | --- |

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. La viscosité de l'huile est inférieure à la viscosité type, ce qui pourrait indiquer l'ajout d'un grade d'huile plus léger.

Depot: GFL766
Unique No: 5607253
Signed: Kevin Marson
Report Date: 14 Jul 2023



GRAPHS

