

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934 060317 - Rear Right Wheel Hub

Sample No: LH0224832

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0224832 | --- | --- | --- |
| Sample Date | 01 Feb 2023 | --- | --- | --- |
| Machine Hours | 12127 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

RICHMOND STEEL
12707 170 STREET
EDMONTON, AB
CA T5V 1L9
Contact: Sandor Arguello



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 102 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

T: (780)447-3391
F:



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | ● 2 | --- | --- | --- |
| Sodium | ppm | ● <1 | --- | --- | --- |
| Potassium | ppm | ● <1 | --- | --- | --- |

Diagnosis

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.



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | ● 8 | --- | --- | --- |
| Copper | ppm | ● 26 | --- | --- | --- |
| Lead | ppm | ● <1 | --- | --- | --- |
| Tin | ppm | ● 0 | --- | --- | --- |
| Aluminum | ppm | ● <1 | --- | --- | --- |
| Chromium | ppm | ● 0 | --- | --- | --- |
| Molybdenum | ppm | ● 0 | --- | --- | --- |
| Nickel | ppm | ● <1 | --- | --- | --- |
| Titanium | ppm | ● 0 | --- | --- | --- |
| Silver | ppm | ● 0 | --- | --- | --- |
| Manganese | ppm | ● <1 | --- | --- | --- |
| Vanadium | ppm | ● 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ● 5 | --- | --- | --- |
| Magnesium | ppm | ● 2 | --- | --- | --- |
| Zinc | ppm | ● 21 | --- | --- | --- |
| Phosphorus | ppm | ● 1355 | --- | --- | --- |
| Barium | ppm | ● 0 | --- | --- | --- |
| Boron | ppm | ● 316 | --- | --- | --- |

Depot: RICEDM
Unique No: 5552055
Signed: Wes Davis
Report Date: 22 Mar 2023



GRAPHS

