

LIEBHERR A934 060317 - Transfer Case

PETRO CANADA TRAXON 75W90 SYNTHETIC

Sample No: LH0224831

Oil Type:

SAMPLE INFORMATION

| Sample Number | LH0224831 | | |
|---------------|-------------|------|--|
| Sample Date | 01 Feb 2023 | | |
| Machine Hours | 12127 | | |
| Oil Hours | 0 | | |
| Oil Changed | Changed | | |
| Sample Status | ABNORMAL | | |

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OIL CONDITION

Visc @ 40°C

cSt O 52.0

| | NTAMINA | TION | | |
|-----------|---------|------|------|--|
| Silicon | ppm | 0 5 | | |
| Sodium | ppm | 08 | | |
| Potassium | ppm | 01 | | |

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|------------|----------|-------------------|------|--|
| 👾 WEAI | R METALS | | | |
| Iron | ppm | 29 | | |
| Copper | ppm | 0 41 | | |
| Lead | ppm | 02 | | |
| Tin | ppm | <mark>○</mark> <1 | | |
| Aluminum | ppm | 02 | | |
| Chromium | ppm | ○ <1 | | |
| Molybdenum | ppm | 48 | | |
| Nickel | ppm | <mark>○</mark> <1 | | |
| Titanium | ppm | <1 | | |
| Silver | ppm | 2 | | |
| Manganese | ppm | 6 | | |
| Vanadium | ppm | 0 | | |



ADDITIVES

| Calcium | ppm | 1423 | | |
|------------|-----|--------|------|--|
| Magnesium | ppm | 829 | | |
| Zinc | ppm | 1268 | | |
| Phosphorus | ppm | 0 1225 | | |
| Barium | ppm | 0 | | |
| Boron | ppm | 39 | | |





RICHMOND STEEL 12707 170 STREET

EDMONTON, AB CA T5V 1L9 Contact: Sandor Arguello

T: (780)447-3391 F:

Diagnosis

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. Viscosity of sample indicates oil is within SAE 20 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

| Depot: | RICEDM |
|--------------|--------------|
| Unique No: | 5552050 |
| Signed: | Kevin Marson |
| Report Date: | 23 Mar 2023 |

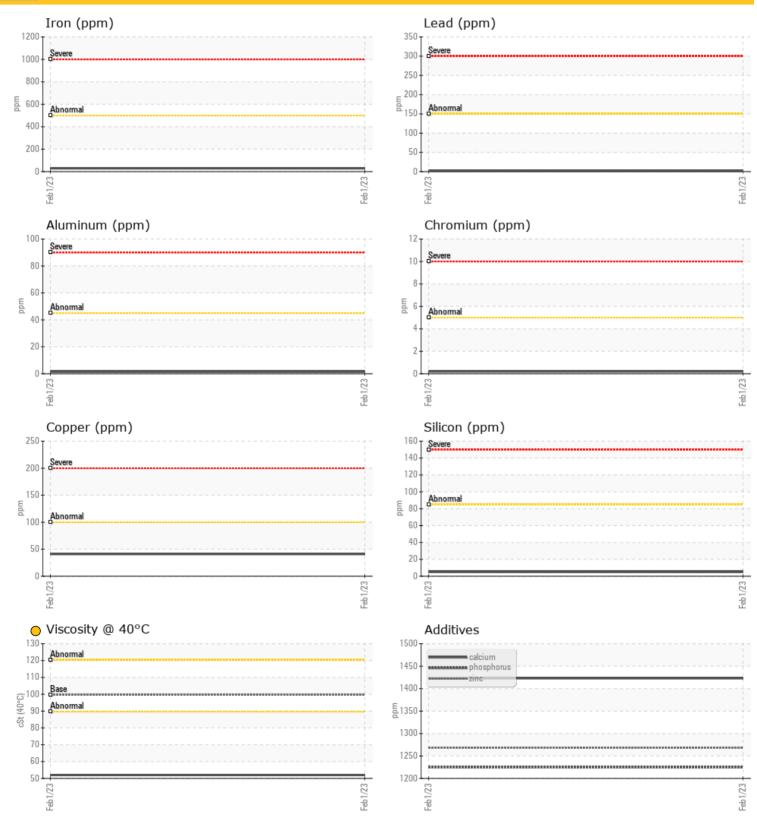
Contact/Location: Sandor Arguello - RICEDM





GRAPHS

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Report Id: RICEDM [WCAMIS] 02547040 (Generated: 10/20/2023 16:25:18) Rev: 1

Contact/Location: Sandor Arguello - RICEDM