



OIL ANALYSIS REPORT

| | |
|-----------------|--------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Area
[4573]
Machine Id
05-020-CE
Component
Fluid
Fluid
PETRO CANADA LUMINOL LS B-4 (--- GAL)

RECOMMENDATION

This is a baseline read-out on the submitted sample.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|-------------|----------|----------|
| Sample Number | | Client Info | | PP0001056 | --- | --- |
| Sample Date | | Client Info | | 24 May 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 0 | --- | --- |
| Oil Age | hrs | Client Info | | 0 | --- | --- |
| Filter Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | N/A | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

{not applicable}

| | | | | | | |
|--------------|--------|---------------|------|------|-----|-----|
| Iron | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Lead | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Copper | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Tin | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| White Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | --- | --- |

CONTAMINATION

{not applicable}

| | | | | | | |
|------------|--------|---------------|-------|-------|-----|-----|
| Silicon | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | --- | --- |
| Water | | WC Method | | NEG | --- | --- |
| Silt | scalar | Visual* | NONE | NONE | --- | --- |
| Debris | scalar | Visual* | NONE | NONE | --- | --- |
| Sand/Dirt | scalar | Visual* | NONE | NONE | --- | --- |
| Appearance | scalar | Visual* | NORML | NORML | --- | --- |
| Odor | scalar | Visual* | NORML | NORML | --- | --- |

FLUID CONDITION

{not applicable}

| | | | | | | |
|------------|-----|---------------|----|----|-----|-----|
| Sodium | ppm | ASTM D5185(m) | >5 | 0 | --- | --- |
| Boron | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Barium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | | 0 | --- | --- |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PP0001056
Lab Number : 02637791
Unique Number : 5786953
Test Package : TEST (Additional Tests: ICP, Visual)

Received : 27 May 2024
Tested : 28 May 2024
Diagnosed : 28 May 2024 - Kevin Marson

*To discuss this sample report, contact Customer Service at 1-800-268-2131.
Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
Validity of results and interpretation are based on the sample and information as supplied.*

Oleo Energies
5800 Thorold Stone Road
Niagara Falls, ON
CA L2J 1A2
Contact: Mark Michalkoff
mmichalkoff@oleoenergies.com
T: (905)358-5133
F: