



OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
[4653]
 Machine Id
06-034-CE
 Component
Oil
 Fluid
PETRO CANADA LUMINOL TRI (--- GAL)

DIAGNOSIS

Recommendation

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

| SAMPLE INFORMATION | | method | limit/base | current | history1 | history2 |
|--------------------|-----------------|--------|------------|--------------------|----------|----------|
| Sample Number | Client Info | | | PP0001430 | --- | --- |
| Sample Date | Client Info | | | 27 Jun 2024 | --- | --- |
| Machine Age | hrs Client Info | | | 0 | --- | --- |
| Oil Age | hrs Client Info | | | 0 | --- | --- |
| Oil Changed | Client Info | | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

| CONTAMINATION | | method | limit/base | current | history1 | history2 |
|---------------|-----------|--------|------------|------------|----------|----------|
| Water | WC Method | | | NEG | --- | --- |

| WEAR METALS | | method | limit/base | current | history1 | history2 |
|-------------|-----|---------------|------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185(m) | >20 | 0 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | >20 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >20 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >20 | <1 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >20 | 0 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >20 | 0 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >20 | 0 | --- | --- |
| Antimony | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Beryllium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Cadmium | ppm | ASTM D5185(m) | | 0 | --- | --- |



| ADDITIVES | | method | limit/base | current | history1 | history2 |
|------------|-----|---------------|------------|--------------|----------|----------|
| Boron | ppm | ASTM D5185(m) | 0 | <1 | --- | --- |
| Barium | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 0 | <1 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | 10 | 0 | --- | --- |
| Lithium | ppm | ASTM D5185(m) | | <1 | --- | --- |

| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
|--------------|-----|---------------|------------|--------------|----------|----------|
| Silicon | ppm | ASTM D5185(m) | >15 | 0 | --- | --- |
| Sodium | ppm | ASTM D5185(m) | >5 | 0 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | --- | --- |

| VISUAL | | method | limit/base | current | history1 | history2 |
|--------------|--------|---------|------------|--------------|----------|----------|
| White Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Precipitate | scalar | Visual* | NONE | NONE | --- | --- |
| 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 | --- | --- |



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| SAMPLE IMAGES | | method | limit/base | current | history1 | history2 |
|---------------|--|--------|------------|---|----------|----------|
| Color | | | |  | no image | no image |
| Bottom | | | |  | no image | no image |
| GRAPHS | | | | | | |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PP0001430 **Received** : 28 Jun 2024
Lab Number : 02644716 **Tested** : 02 Jul 2024
Unique Number : 5802255 **Diagnosed** : 02 Jul 2024 - Kevin Marson
Test Package : TEST (Additional Tests: ICP, Visual)

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.

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