



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

Area
(65639Z) Walgreens - Tractor
Machine Id
[Walgreens - Tractor] 136A624108
Component
Diesel Engine
Fluid
PETRO CANADA DURON SHP 10W30 (11 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|----------|
| Sample Number | | Client Info | | PCA0093622 | PCA0103689 | --- |
| Sample Date | | Client Info | | 26 Mar 2024 | 15 Dec 2023 | --- |
| Machine Age | mls | Client Info | | 66321 | 37960 | --- |
| Oil Age | mls | Client Info | | 36459 | 37960 | --- |
| Filter Age | mls | Client Info | | 36459 | 37960 | --- |
| Oil Changed | | Client Info | | Changed | Changed | --- |
| Filter Changed | | Client Info | | Changed | Changed | --- |
| Sample Status | | | | NORMAL | ABNORMAL | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|-------|-----|
| Iron | ppm | ASTM D5185m | >80 | 34 | 55 | --- |
| Chromium | ppm | ASTM D5185m | >5 | 2 | 3 | --- |
| Nickel | ppm | ASTM D5185m | >2 | <1 | 1 | --- |
| Titanium | ppm | ASTM D5185m | | 32 | 0 | --- |
| Silver | ppm | ASTM D5185m | >3 | <1 | 0 | --- |
| Aluminum | ppm | ASTM D5185m | >30 | 13 | 39 | --- |
| Lead | ppm | ASTM D5185m | >30 | <1 | 0 | --- |
| Copper | ppm | ASTM D5185m | >150 | 61 | ▲ 192 | --- |
| Tin | ppm | ASTM D5185m | >5 | 2 | 4 | --- |
| Vanadium | ppm | ASTM D5185m | | <1 | 0 | --- |
| White Metal | scalar | *Visual | NONE | NONE | NONE | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | --- |

CONTAMINATION

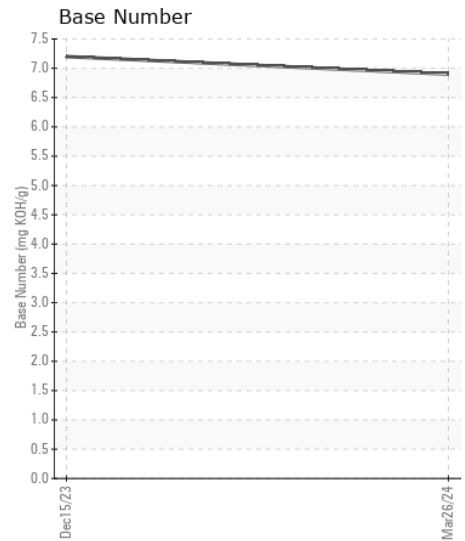
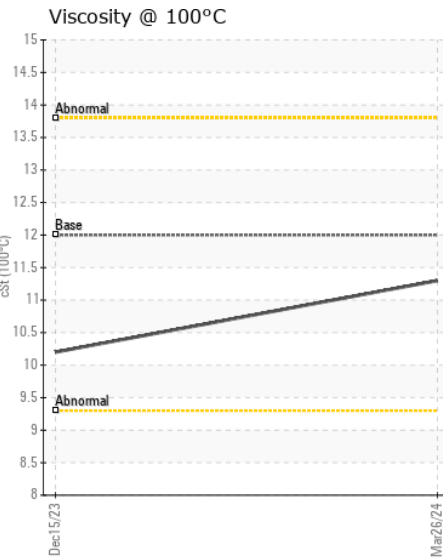
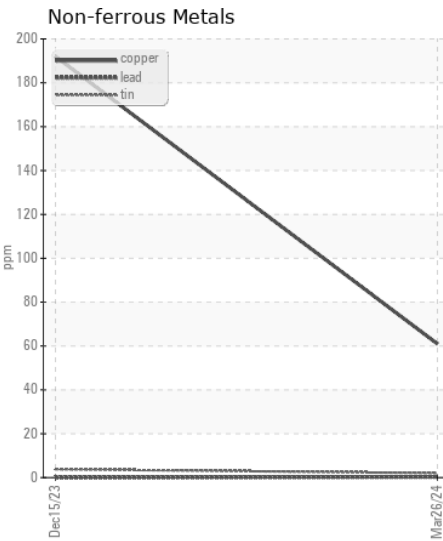
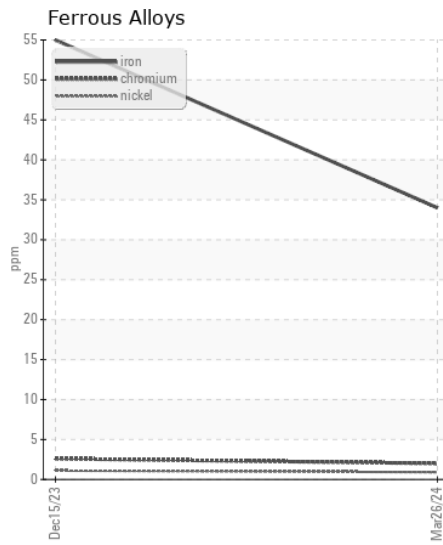
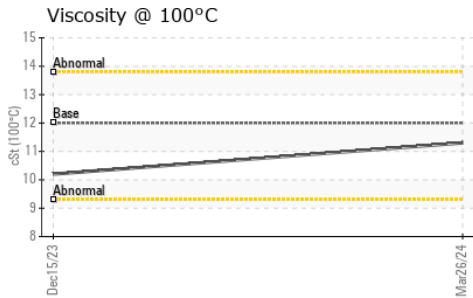
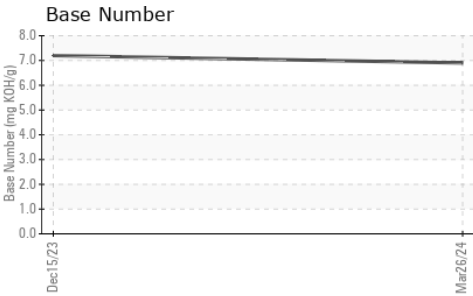
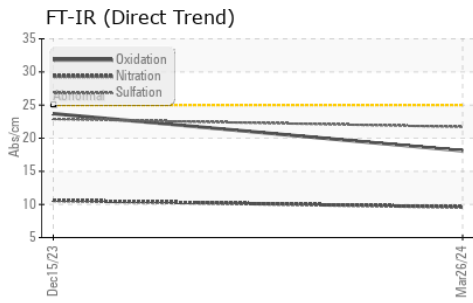
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|----------|-------------|-------|----------------|-------|-----|
| Silicon | ppm | ASTM D5185m | >20 | 6 | 8 | --- |
| Potassium | ppm | ASTM D5185m | >20 | 32 | 114 | --- |
| Fuel | | WC Method | >5 | <1.0 | <1.0 | --- |
| Water | | WC Method | >0.2 | NEG | NEG | --- |
| Glycol | | WC Method | | NEG | NEG | --- |
| Soot % | % | *ASTM D7844 | >3 | 0.7 | 0.8 | --- |
| Nitration | Abs/cm | *ASTM D7624 | >20 | 9.6 | 10.6 | --- |
| Sulfation | Abs/.1mm | *ASTM D7415 | >30 | 21.7 | 22.9 | --- |
| Silt | scalar | *Visual | NONE | NONE | NONE | --- |
| Debris | scalar | *Visual | NONE | NONE | NONE | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | --- |
| Appearance | scalar | *Visual | NORML | NORML | NORML | --- |
| Odor | scalar | *Visual | NORML | NORML | NORML | --- |
| Emulsified Water | scalar | *Visual | >0.2 | NEG | NEG | --- |

FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

| | | | | | | |
|------------------|----------|-------------|-------|-------------|------|-----|
| Sodium | ppm | ASTM D5185m | | 1 | 3 | --- |
| Boron | ppm | ASTM D5185m | 2 | 34 | 28 | --- |
| Barium | ppm | ASTM D5185m | 0 | 1 | 0 | --- |
| Molybdenum | ppm | ASTM D5185m | 50 | 38 | 46 | --- |
| Manganese | ppm | ASTM D5185m | 0 | 2 | 4 | --- |
| Magnesium | ppm | ASTM D5185m | 950 | 643 | 517 | --- |
| Calcium | ppm | ASTM D5185m | 1050 | 1551 | 1689 | --- |
| Phosphorus | ppm | ASTM D5185m | 995 | 980 | 713 | --- |
| Zinc | ppm | ASTM D5185m | 1180 | 1154 | 880 | --- |
| Sulfur | ppm | ASTM D5185m | 2600 | 3053 | 2032 | --- |
| Oxidation | Abs/.1mm | *ASTM D7414 | >25 | 18.1 | 23.7 | --- |
| Base Number (BN) | mg KOH/g | ASTM D2896 | | 6.9 | 7.2 | --- |
| Visc @ 100°C | cSt | ASTM D445 | 12.00 | 11.3 | 10.2 | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0093622
Lab Number : 06149889
Unique Number : 10979967
Test Package : FLEET

Received : 16 Apr 2024
Tested : 17 Apr 2024
Diagnosed : 18 Apr 2024 - Don Baldrige

Transervice - Shop 1365 - Berkeley-Nazareth
 6813 Chrisphalt Drive
 Bath Borough, PA
 US 18014

Contact: Stephen Mackes
 smackes@transervice.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T: (610)837-8103
 F: (610)837-8105