



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
Ventra Plastics - V00400
 Machine Id
A2401061
 Component
Hydraulic System
 Fluid
{not provided} (--- GAL)

DIAGNOSIS

Recommendation

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

Wear

Iron ppm levels are noted.

Contamination

{not applicable}

Fluid Condition

{not applicable}

SAMPLE INFORMATION

| | method | limit/base | current | history1 | history2 |
|------------------|-------------|-------------|---------------------|----------|----------|
| Batch # | Client Info | | 2023 12 0430 | --- | --- |
| Department | Client Info | | Production | --- | --- |
| Sample From | Client Info | | Machine | --- | --- |
| Production Stage | Client Info | | Initial | --- | --- |
| Sent to WC | Client Info | | 01/10/2024 | --- | --- |
| Sample Number | Client Info | | E30001137 | --- | --- |
| Sample Date | Client Info | | 10 Jan 2024 | --- | --- |
| Machine Age | hrs | Client Info | 0 | --- | --- |
| Oil Age | hrs | Client Info | 0 | --- | --- |
| Oil Changed | Client Info | | N/A | --- | --- |
| Sample Status | | | NORMAL | --- | --- |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|-----------|--------|-------------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185(m) >20 | 13 | --- | --- |
| Chromium | ppm | ASTM D5185(m) >10 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185(m) >10 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) >10 | 1 | --- | --- |
| Lead | ppm | ASTM D5185(m) >20 | 5 | --- | --- |
| Copper | ppm | ASTM D5185(m) >20 | 6 | --- | --- |
| Tin | ppm | ASTM D5185(m) >10 | 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

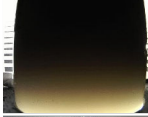

| | method | limit/base | current | history1 | history2 |
|------------|--------|---------------|--------------|----------|----------|
| Boron | ppm | ASTM D5185(m) | <1 | --- | --- |
| Barium | ppm | ASTM D5185(m) | 9 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | 0 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | 0 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | <1 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 11 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | 398 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 385 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | 1014 | --- | --- |
| Lithium | ppm | ASTM D5185(m) | <1 | --- | --- |

CONTAMINANTS

| | method | limit/base | current | history1 | history2 |
|-----------|--------|-------------------|------------|----------|----------|
| Silicon | ppm | ASTM D5185(m) >15 | 2 | --- | --- |
| Sodium | ppm | ASTM D5185(m) | 5 | --- | --- |
| Potassium | ppm | ASTM D5185(m) >20 | 2 | --- | --- |
| Water | % | ASTM D6304* >0.05 | NEG | --- | --- |

OIL ANALYSIS REPORT

| VISUAL | method | limit/base | current | history1 | history2 | |
|--------------|--------|------------|---------|--------------|----------|-----|
| White Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Precipitate | scalar | Visual* | NONE | LIGHT | --- | --- |
| Silt | scalar | Visual* | NONE | NONE | --- | --- |
| Debris | scalar | Visual* | NONE | NONE | --- | --- |
| Sand/Dirt | scalar | Visual* | NONE | NONE | --- | --- |
| Appearance | scalar | Visual* | NORML | MILKY | --- | --- |
| Odor | scalar | Visual* | NORML | NORML | --- | --- |

| 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. : E30001137
Lab Number : **02608654**
Unique Number : 5709740
Test Package : TEST (Additional Tests: Bottom, ICP, KF)

Environmental 360 Solutions Ltd.
 640 Victoria Street
 Cobourg, ON
 CA K9A 5H5
 Contact: Tatiana Sorkina
 tsorkina@e360s.ca
 T: (800)263-3939
 F: (905)373-4950

*To discuss this sample report, contact Customer Service at 1-905-372-2251.
 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.*