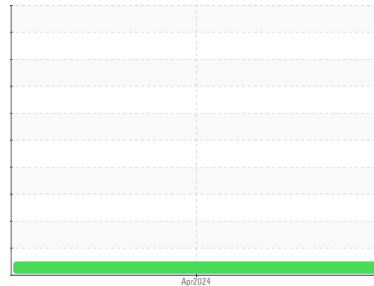




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
[531304]
 Machine Id
1993680
 Component
Unknown Component
 Fluid
{not provided} (--- GAL)

DIAGNOSIS

Recommendation

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

Contaminants

ISO Cleanliness Code (ISO 4406:1999): 16/14/11;
 Cumulative particle counts >4µm = 471, >6µm = 128, >14µm = 13, >21µm = 5, >38µm = 1, >71µm = 0.

SAMPLE INFORMATION

| | method | limit/base | current | history1 | history2 |
|---------------|-------------|-------------|--------------------|----------|----------|
| Sample Number | Client Info | | PP | --- | --- |
| Sample Date | Client Info | | 16 Apr 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 | --- | --- |

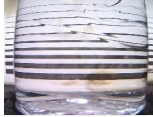

FLUID CLEANLINESS

| | method | limit/base | current | history1 | history2 |
|-----------------|--------------|------------|-----------------|----------|----------|
| Particles >4µm | ASTM D7647 | >5000 | 471 | --- | --- |
| Particles >6µm | ASTM D7647 | >1300 | 128 | --- | --- |
| Particles >14µm | ASTM D7647 | >160 | 13 | --- | --- |
| Particles >21µm | ASTM D7647 | >40 | 5 | --- | --- |
| Particles >38µm | ASTM D7647 | >10 | 1 | --- | --- |
| Particles >71µm | ASTM D7647 | >3 | 0 | --- | --- |
| Oil Cleanliness | ISO 4406 (c) | >19/17/14 | 16/14/11 | --- | --- |

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 | --- | --- |

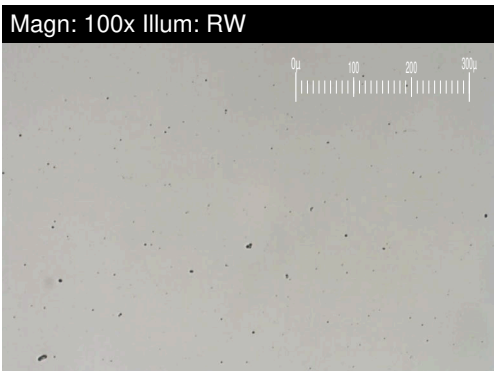
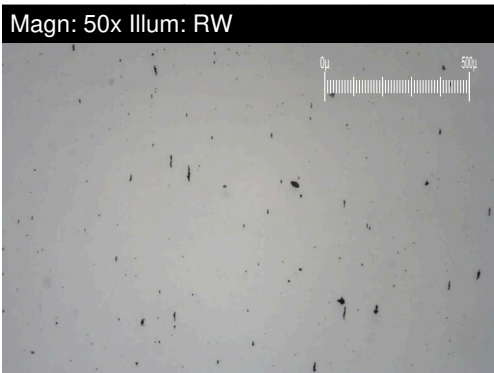
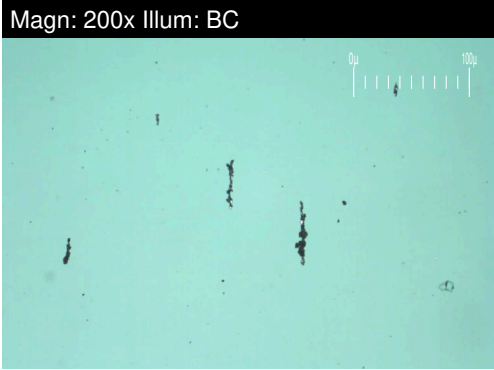
SAMPLE IMAGES

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



FERROGRAPHY REPORT

Area
[531304]
 Machine Id
1993680
 Component
Unknown Component
 Fluid
{not provided} (--- GAL)



| FERROGRAPHY | method | limit/base | current | history1 | history2 |
|-----------------------|------------------------|------------|---------|----------|----------|
| Ferrous Rubbing | Scale 0-10 ASTM D7684* | | 2 | | |
| Ferrous Sliding | Scale 0-10 ASTM D7684* | | | | |
| Ferrous Cutting | Scale 0-10 ASTM D7684* | | | | |
| Ferrous Rolling | Scale 0-10 ASTM D7684* | | 1 | | |
| Ferrous Break-in | Scale 0-10 ASTM D7684* | | | | |
| Ferrous Spheres | Scale 0-10 ASTM D7684* | | | | |
| Ferrous Black Oxides | Scale 0-10 ASTM D7684* | | 1 | | |
| Ferrous Red Oxides | Scale 0-10 ASTM D7684* | | | | |
| Ferrous Corrosive | Scale 0-10 ASTM D7684* | | | | |
| Ferrous Other | Scale 0-10 ASTM D7684* | | | | |
| Nonferrous Rubbing | Scale 0-10 ASTM D7684* | | | | |
| Nonferrous Sliding | Scale 0-10 ASTM D7684* | | | | |
| Nonferrous Cutting | Scale 0-10 ASTM D7684* | | | | |
| Nonferrous Rolling | Scale 0-10 ASTM D7684* | | | | |
| Nonferrous Other | Scale 0-10 ASTM D7684* | | | | |
| Carbonaceous Material | Scale 0-10 ASTM D7684* | | | | |
| Lubricant Degradation | Scale 0-10 ASTM D7684* | | | | |
| Sand/Dirt | Scale 0-10 ASTM D7684* | | 1 | | |
| Fibres | Scale 0-10 ASTM D7684* | | | | |
| Spheres | Scale 0-10 ASTM D7684* | | | | |
| Other | Scale 0-10 ASTM D7684* | | 1 | | |

WEAR
 {not applicable}