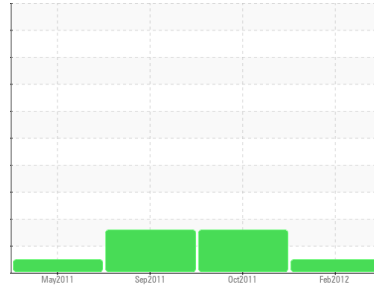


OIL ANALYSIS REPORT



Area
KEMP QUARRIES / PRYOR STONE [12048208043]
Machine Id
WL027
Component
Transmission
Fluid
MOBIL MOBILTRANS HD 30 (--- GAL)

Sample Rating Trend



NORMAL



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. There is no indication of any contamination in the fluid.

Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

| | method | limit/base | current | history1 | history2 |
|---------------|-------------|-------------|--------------------|-------------|-------------|
| Sample Number | Client Info | | PCA48208043 | PCA06192038 | PCA70163046 |
| Sample Date | Client Info | | 17 Feb 2012 | 21 Oct 2011 | 14 Sep 2011 |
| Machine Age | hrs | Client Info | 4692 | 4311 | 40598 |
| Oil Age | hrs | Client Info | --- | --- | 250 |
| Oil Changed | Client Info | | N/A | N/A | N/A |
| Sample Status | | | NORMAL | ABNORMAL | ABNORMAL |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|----------|--------|---------------|-----------|----------|----------|
| Iron | ppm | ASTM D5185(m) | 22 | 70 | 39 |
| Chromium | ppm | ASTM D5185(m) | 0 | 0 | 0 |
| Nickel | ppm | ASTM D5185(m) | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185(m) | 1 | 4 | 3 |
| Lead | ppm | ASTM D5185(m) | 0 | 0 | 0 |
| Copper | ppm | ASTM D5185(m) | 2 | 10 | 4 |
| Tin | ppm | ASTM D5185(m) | 1 | 0 | 0 |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|---------------|-------------|----------|----------|
| Boron | ppm | ASTM D5185(m) | 51 | 44 | 28 |
| Barium | ppm | ASTM D5185(m) | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185(m) | 35 | 35 | 16 |
| Magnesium | ppm | ASTM D5185(m) | 419 | 376 | 231 |
| Calcium | ppm | ASTM D5185(m) | 2010 | 2043 | 2099 |
| Phosphorus | ppm | ASTM D5185(m) | 1000 | 1097 | 938 |
| Zinc | ppm | ASTM D5185(m) | 1077 | 1070 | 1013 |

CONTAMINANTS

| | method | limit/base | current | history1 | history2 |
|-----------|--------|---------------|----------|----------|----------|
| Silicon | ppm | ASTM D5185(m) | 7 | ▲ 11 | ▲ 11 |
| Sodium | ppm | ASTM D5185(m) | 0 | 2 | 0 |
| Potassium | ppm | ASTM D5185(m) | 0 | 1 | 0 |
| Water | % | ASTM D6304* | 0 | 0 | 0 |

FLUID DEGRADATION

| | method | limit/base | current | history1 | history2 |
|-----------|----------|-------------|-----------|----------|----------|
| Oxidation | Abs/.1mm | ASTM D7414* | 31 | 26 | 14 |

FLUID PROPERTIES

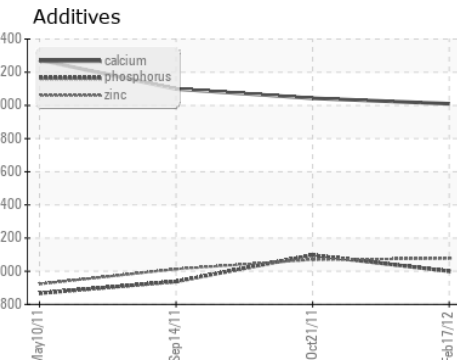
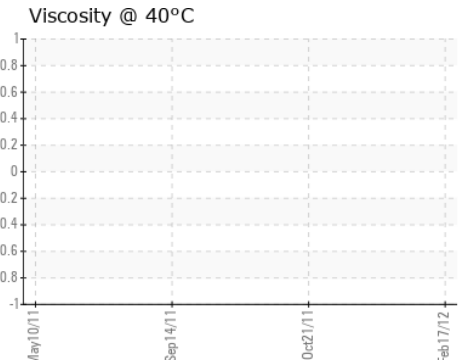
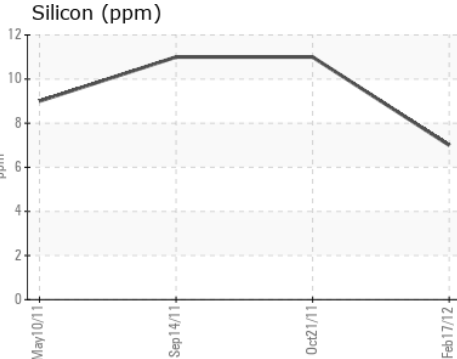
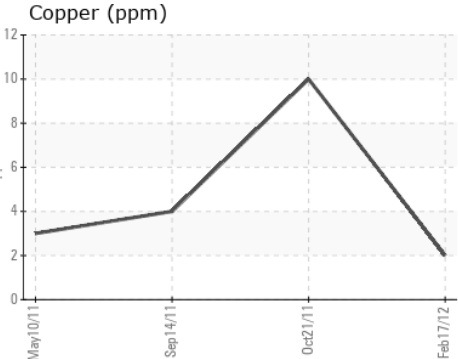
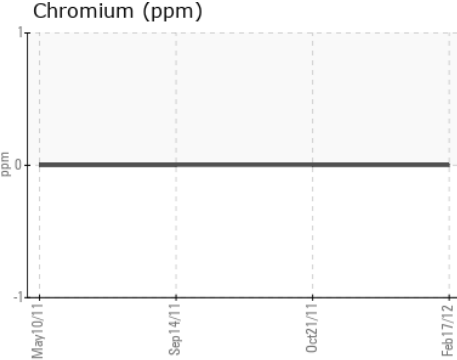
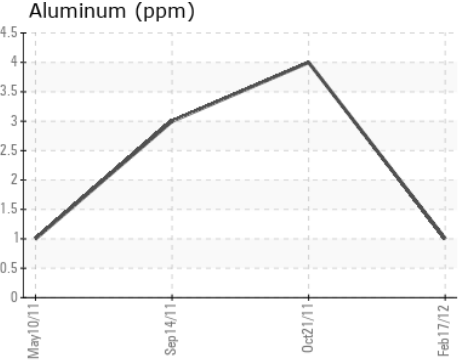
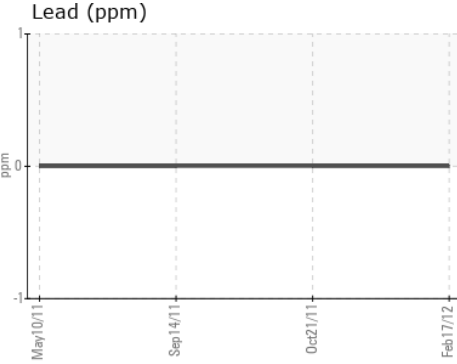
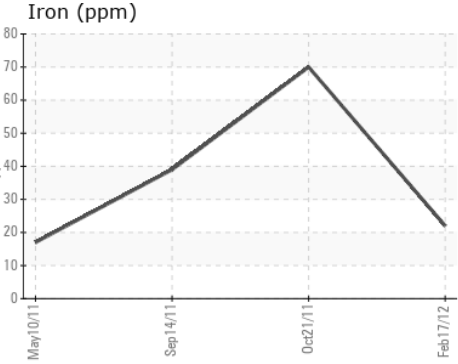
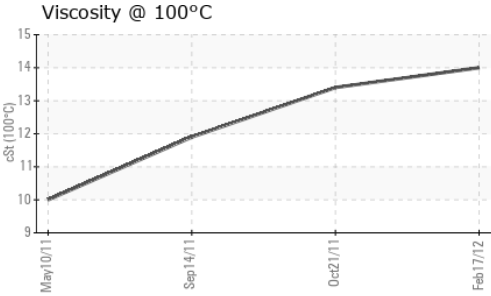
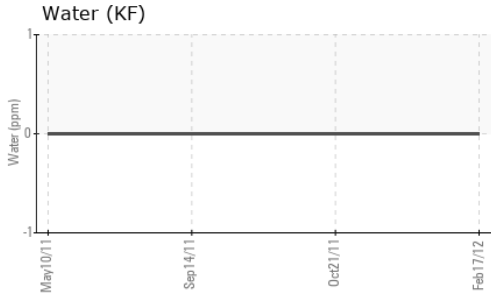
| | method | limit/base | current | history1 | history2 |
|--------------|--------|---------------|-----------|----------|----------|
| Visc @ 100°C | cSt | ASTM D7279(m) | 14 | 13.4 | 11.9 |

SAMPLE IMAGES

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

OIL ANALYSIS REPORT

GRAPHS



Laboratory : WearCheck -
Sample No. : PCA48208043
Lab Number : 48208043
Unique Number : 12892292
Test Package : MOB1+ (Additional Tests: FT-IR, ICP, KF, KV100)
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.

Received : 17 Feb 2012
Diagnosed : 05 Jun 2019
Diagnostician : Wes Davis

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