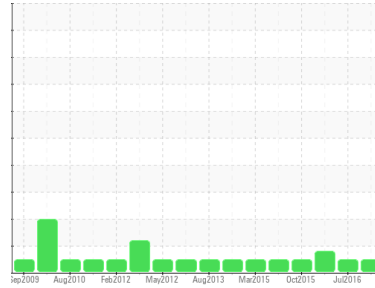




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
2007 PETERBILT 9627H

Component
Hydraulic System

Fluid
CHEVRON DELO 400 MULTIGRADE 15W40 (50 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the component.

Fluid Condition

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

SAMPLE INFORMATION

| | method | limit/base | current | history1 | history2 |
|---------------|-------------|-------------|--------------------|-------------|-------------|
| Sample Number | Client Info | | KLMFA11142 | KLM2336373 | KLM2322592 |
| Sample Date | Client Info | | 03 Feb 2017 | 27 Jul 2016 | 20 Jan 2016 |
| Machine Age | mls | Client Info | 0 | 215572 | 215231 |
| Oil Age | mls | Client Info | 0 | 22785 | 0 |
| Oil Changed | Client Info | | N/A | Not Changd | Not Changd |
| Sample Status | | | NORMAL | NORMAL | ATTENTION |

CONTAMINATION

| | method | limit/base | current | history1 | history2 |
|-------|-----------|------------|------------|----------|----------|
| Water | WC Method | >0.1 | NEG | NEG | NEG |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|----------|--------|-----------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185m >20 | 4 | 4 | 4 |
| Chromium | ppm | ASTM D5185m >10 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185m | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185m | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m >10 | 8 | 10 | 9 |
| Lead | ppm | ASTM D5185m >10 | 1 | 2 | 1 |
| Copper | ppm | ASTM D5185m >75 | 9 | 14 | 12 |
| Tin | ppm | ASTM D5185m >10 | <1 | 4 | 5 |
| Antimony | ppm | ASTM D5185m | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | 0 | 0 | 0 |
| Cadmium | ppm | ASTM D5185m | <1 | 1 | 1 |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|------------------|--------------|----------|----------|
| Boron | ppm | ASTM D5185m 151 | 294 | 398 | 307 |
| Barium | ppm | ASTM D5185m 0.4 | 0 | <1 | <1 |
| Molybdenum | ppm | ASTM D5185m 250 | 59 | 74 | 59 |
| Manganese | ppm | ASTM D5185m | <1 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m 0 | 289 | 376 | 322 |
| Calcium | ppm | ASTM D5185m 2046 | 1420 | 1774 | 1443 |
| Phosphorus | ppm | ASTM D5185m 1043 | 948 | 1048 | 853 |
| Zinc | ppm | ASTM D5185m 943 | 998 | 1299 | 1067 |
| Sulfur | ppm | ASTM D5185m 5012 | 2110 | 4286 | 3646 |

CONTAMINANTS

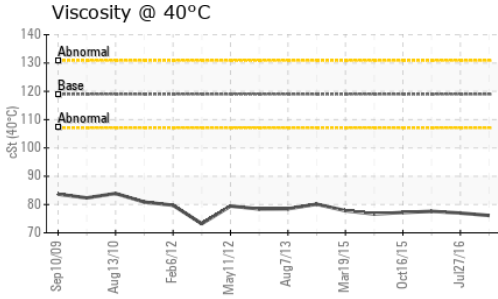
| | method | limit/base | current | history1 | history2 |
|-----------|--------|-----------------|----------|----------|----------|
| Silicon | ppm | ASTM D5185m >20 | 6 | 6 | 5 |
| Sodium | ppm | ASTM D5185m | 1 | 2 | 2 |
| Potassium | ppm | ASTM D5185m >20 | 1 | 0 | 2 |

VISUAL

| | method | limit/base | current | history1 | history2 |
|------------------|--------|---------------|--------------|----------|----------|
| White Metal | scalar | *Visual NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual NONE | NONE | NONE | NONE |
| Precipitate | scalar | *Visual NONE | NONE | NONE | NONE |
| Silt | scalar | *Visual NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual NONE | NONE | NONE | LIGHT |
| Sand/Dirt | scalar | *Visual NONE | NONE | NONE | NONE |
| Appearance | scalar | *Visual NORML | NORML | NORML | NORML |
| Odor | scalar | *Visual NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | *Visual >0.1 | NEG | NEG | NEG |
| Free Water | scalar | *Visual | NEG | NEG | NEG |



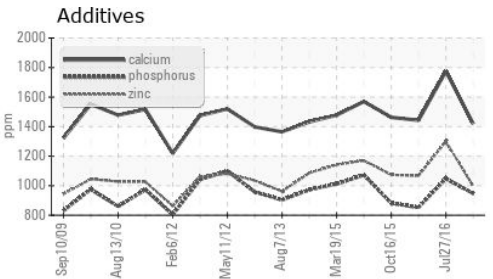
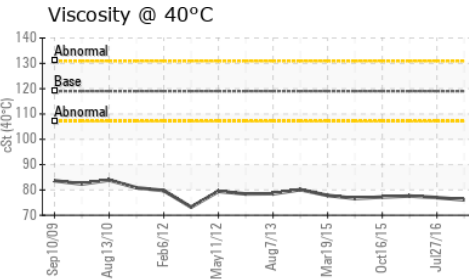
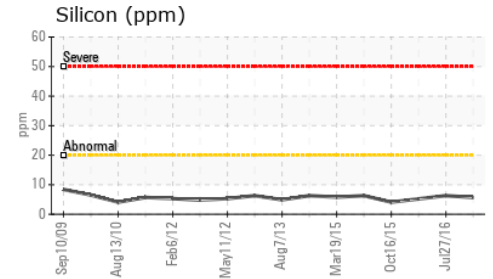
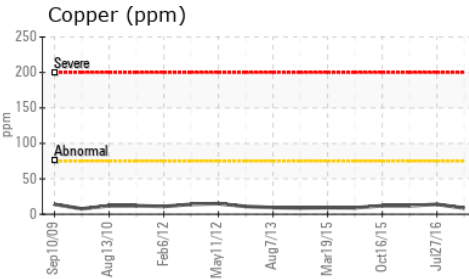
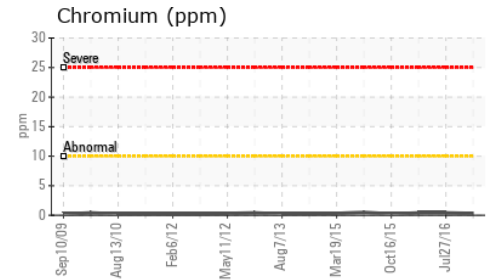
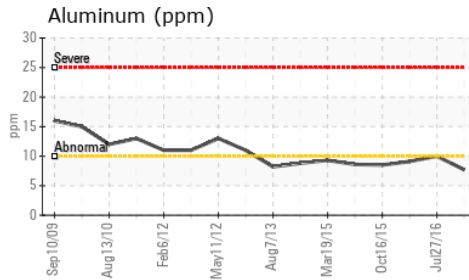
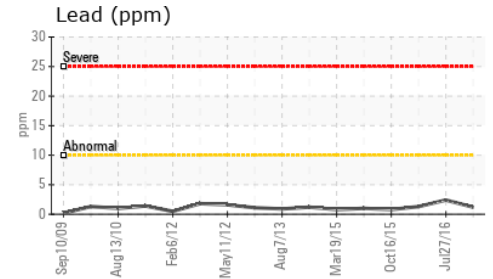
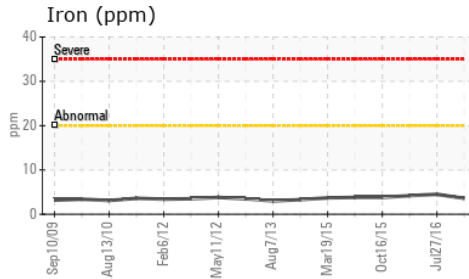
OIL ANALYSIS REPORT



| FLUID PROPERTIES | | method | limit/base | current | history1 | history2 |
|------------------|-----|-----------|------------|--------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | 119 | 76.12 | 76.98 | 77.6 |

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : KLMFA11142 **Recieved** : 06 Feb 2017
Lab Number : **04157309** **Diagnosed** : 10 Feb 2017
Unique Number : 7690717 **Diagnostician** : Doug Bogart
Test Package : MOB 1

VILLAGE OF RUIDOSO
 313 CREE MEADOWS DR
 RUIDOSO, NM
 US 88355
 Contact: JERRY PARSONS
 jerryparsons@ruidoso-nm.gov
 T: (575)257-1702
 F: x:

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)