

Customer Information

MORT

Unit Information

Unit # : MB5W40

Component : NEW OIL

MERCEDES-BENZ

Lubricant

Manufacturer : PET

Brand : MB 229.5

Grade : 5W40

Sample : 01/23-129

Tracking # : 3-482865

FLUID LIFE

EQUIPMENT RELIABILITY SERVICES

Oil Analysis

95 Copernicus Boulevard, Brantford
Ontario, Canada N3P 1N4
Phone: 877 962 2400

| Sample | | Contaminants ppm | | | Wear Metals ppm | | | | | | | | | | | | Additives ppm | | | | | | | |
|---------------|-------------|------------------|-----------|---------|-----------------|------|--------|------|-----|----------|--------|----------|--------|----------|----------|-----------|---------------|------|------------|-----------|------------|-------|--------|---------|
| Sample Number | Sample Date | Sodium | Potassium | Silicon | Aluminum | Iron | Copper | Lead | Tin | Chromium | Nickel | Titanium | Silver | Vanadium | Antimony | Beryllium | Calcium | Zinc | Phosphorus | Magnesium | Molybdenum | Boron | Barium | Lithium |
| 01/23-129 | 2015/01/14 | 5 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2680 | 1018 | 974 | 16 | 55 | 80 | 0 | 0 |

Sample Information

| Sample Date | Oil Mfr. | Oil Brand | Oil Grade | Comp. Service | Oil Service | Units | Oil Chg |
|-------------|----------|-----------|-----------|---------------|-------------|-------|---------|
| 2015/01/14 | PET | MB 229.5 | 5W40 | ? | | | |

Physical Tests

| Visc 40°C cSt | Visc 100°C cSt | Visc Index | Water |
|---------------|----------------|------------|-------|
| 79.3 | 12.72 | 160 | N |

Additional Tests

| BN (FTIR) (mgKOH/g) |
|---------------------|
| 7.5 |

Results

2015/01/14

Recommendations

2015/01/14 Resample next interval to monitor.

Key: Y - Yes N - Negative P - Positive **R** - Reportable **U** - Unacceptable **S** - Severe I - Insufficient Sample > - More Than < - Less Than

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Unit Information

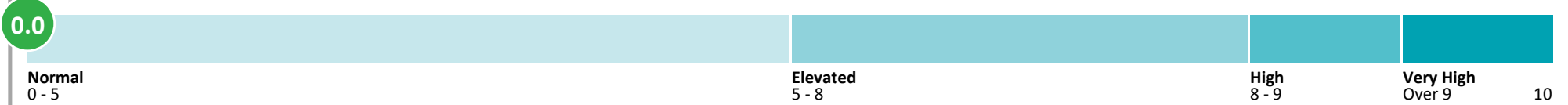
Unit # : MBSW40
Component : NEW OIL
Location :
Manufacturer : MERCEDES-BENZ
Serial # :
Model :

Lubricant

Manufacturer : PET
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Trend Analysis
95 Copernicus Boulevard, Brantford
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Your Sample Rank



Sample rank ranges from zero to ten. The higher the sample rank, the more abnormal the sample results are.

Top Trends Analysis

Si Test Rank 0.7

Si

No distribution analysis available.

No trend analysis available.

Na Test Rank 0.7

Na

No distribution analysis available.

No trend analysis available.

Fe Test Rank 0.2

Fe

No distribution analysis available.

No trend analysis available.

Sb Test Rank 0.1

Sb

No distribution analysis available.

No trend analysis available.