

| | | | | |
|----------|----------|----------|----------|----------|
| 0 | 1 | 2 | 3 | 4 |
| NORMAL | | | ABNORMAL | CRITICAL |

Overall report severity based on comments.

| Account Information | | Component Information | | Sample Information | |
|--|---|--|--|--|--|
| Account Number: OILANA-7501-8827 Company Name: MARC HANNA Contact: Address: 703 ROBERT FERRIE DRIVE KITCHENER, ON CA Phone Number: 226-240-0774 | | Component ID: 08 R320 CD1 E Secondary ID: Component Type: DIESEL ENGINE Manufacturer: MERCEDES BENZ Model: OM642 Application: AUTOMOTIVE Sump Capacity: 10 L | | Tracking Number: 16076D03181 Lab Number: E-525205 Lab Location: Edmonton Data Analyst: RNF Sampled: 20-Jun-2016 Received: 27-Jun-2016 Completed: 28-Jun-2016 | |
| Filter Information | | Miscellaneous Information | | Product Information | |
| Filter Type: FULLFLOW Micron Rating: 0 | | | | Product Manufacturer: MOBIL Product Name: Information Requested Viscosity Grade: SAE 0W30 | |
| Comments | Lube oxidation may be increasing; Please provide missing FLUID PRODUCT NAME to compare data to the correct standards. Your note was taken into consideration. | | | | |

| Sample # | Wear Metals (ppm) | | | | | | | | | | Contaminant Metals (ppm) | | | Multi-Source Metals (ppm) | | | | | Additive Metals (ppm) | | | | | |
|----------|-------------------|----------|--------|----------|--------|------|-----|---------|--------|----------|--------------------------|--------|-----------|---------------------------|------------|----------|-----------|---------|-----------------------|-----------|---------|--------|-------------|------|
| | Iron | Chromium | Nickel | Aluminum | Copper | Lead | Tin | Cadmium | Silver | Vanadium | Silicon | Sodium | Potassium | Titanium | Molybdenum | Antimony | Manganese | Lithium | Boron | Magnesium | Calcium | Barium | Phosphorous | Zinc |
| 1 | 26 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 7 | 2 | 4 | 0 | 71 | 1 | 0 | 0 | 201 | 17 | 1771 | 0 | 789 | 923 |

| Sample # | Sample Information | | | | | | | | Contaminants | | | Fluid Properties | | | | | |
|----------|--------------------|---------------|-----------|-----------|-------------|------------|---------------|---------------|--------------|------------|----------------|------------------|-------------|-------------|-----------|------------|--|
| | Date Sampled | Date Received | Lube Time | Unit Time | Lube Change | Lube Added | Filter Change | Fuel Dilution | Soot | Water | Viscosity 40°C | Viscosity 100 °C | Acid Number | Base Number | Oxidation | Nitration | |
| | | | km | km | | L | | % Vol | % Vol | % Vol | cSt | cSt | mg KOH/g | mg KOH/g | abs/cm | abs/0.1 mm | |
| 1 | 20-Jun-2016 | 27-Jun-2016 | 10110 | 109737 | No | 0 | No | <1 - Estimate | <.1 | <.1 - FTIR | | 12.3 | | 4.48 | 29 | 9 | |

| Sample # | Particle Count (particles/mL) | | | | | | | | | | Additional Testing | | |
|----------|-------------------------------|----------|--------|--------|---------|---------|---------|---------|---------|----------|--------------------|--|--|
| | ISO Code | Based On | > 4 µm | > 6 µm | > 10 µm | > 14 µm | > 21 µm | > 38 µm | > 70 µm | > 100 µm | Test Method | | |
| 1 | // | | | | | | | | | | | | |

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Missing fluid or component information limits the evaluation. No warranty is expressed or implied.

Historical
Comments