

Lubricant Inspection Record



METRO TECH SYSTEMS LTD.

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ISO 9001:2000
Registered Firm

| | |
|-------------|---------------|
| Client | Stephens Jeff |
| Location | Calgary |
| Unit Number | ENGINE |
| Component | |
| Make/Model | MB C63 |
| Serial # | |

| | | |
|---|---------------|----------------|
| Lab Number: | PH1091 | New Oil |
| Sample Date: | Jul 10/09 | |
| Unit: | 14067 Kms | |
| Oil: | 3441 Kms | |
| Oil Type: | MOBIL 5W40 | |
| METALS (D5185): Milligrams per Kilogram (PPM) | | |
| Highlighted Test Results Indicate Abnormal Concentrations | | |
| Tin | 0 | |
| Lead | 1 | |
| Copper | 5 | |
| Aluminum | 5 | |
| Silicon | 4 | |
| Iron | 18 | |
| Chromium | 0.7 | |
| Silver | 0 | |
| Zinc | 917 | |
| Magnesium | 21 | |
| Nickel | 0 | |
| Barium | 0 | |
| Sodium | 4 | |
| Calcium | 1950 | |
| Vanadium | 0 | |
| Phosphorus | 805 | |
| Molybdenum | 82 | |
| Boron | 115 | |
| Manganese | 10 | |
| PHYSICAL PROPERTIES | | |
| Viscosity (D445) @ 40°C | | |
| Viscosity (D445) @ 100°C | 12.16 | |
| Water (D4007) (% v/v) | 0 | |
| Solids (D4007) (% v/v) | <0.1 | |
| Glycol | No | |
| Fuel Dilution | YES | |
| OTHER PROPERTIES | | |
| Acid No. (D664) | | |
| Base No. (D2896) | | |
| Base No. (D4739) | | |
| Oxidation | | |
| Nitro Compounds | | |
| Organic Nitrates | | |
| Particle Count (ISO 4406) | | |
| Oil Changed? | YES | |
| COMMENTS RATING SYSTEM: A is LOW B is LOW to MODERATE C is MODERATE D is HIGH E is SEVERE | | |
| PH1091 - Tests indicate the need to CHANGE OIL & FILTER. Maintain routine sampling. | | |