



Brayco 460

Jet Engine Lubricating Oil

Description

Castrol Brayco™ 460 is a petroleum-based, jet engine lubricating oil. The base oil is a highly refined mineral oil meeting the highest standards of quality.

Application

Brayco 460 is designed for use in older jet engines and other high-speed turbines that require this type of petroleum-based turbine oil. Brayco 460 may also be used in various applications requiring low temperature operation and good viscosity behavior.

Typical Characteristics

| Name | Method | Units | MIL-PRF-6081E specification | Brayco 460 |
|--|------------------------|------------------------------|-----------------------------|------------|
| API Gravity | ASTM D287 | - | - | 29 |
| Specific Gravity @ 15°C / 59°F | ISO 3675 / ASTM D1298 | - | - | 0.88 |
| Density @ 15°C / 59°F | ISO 12185 / ASTM D4052 | lbs/gal (kg/m ³) | - | 7.3 (876) |
| Kinematic Viscosity @ 40°C / 104°F | ISO 3104 / ASTM D445 | mm ² /s | 10.0 max. | 10.53 |
| Viscosity Stability | ASTM D2532 | % Change | 2 max. | 0.4 |
| Flash Point - open cup method | ISO 2592 / ASTM D92 | °C/°F | 133/270 max. | 142 / 288 |
| Solid Particle Contamination | FTM 3010 | mg/l | - | 1.38 |
| Pour Point | ISO 3016 / ASTM D97 | °C/°F | -57/-70 max. | -59 / -74 |
| Colour | ASTM D1500 | - | 5.5 max. | <1.0 |
| Copper corrosion (3 hrs @ 121°C/250°F) | ISO 2160 / ASTM D130 | Rating | 1 max. | 1 |
| Acid Number | ISO 6618 / ASTM D974 | mgKOH/g | 0.10 max. | 0.02 |
| Trace Sediment | ASTM D2273 | ml/200ml | 0.005 max. | 0 |
| Workmanship | MIL-PRF-6081D Spec 3.4 | Pass | Pass | Pass |

Subject to usual manufacturing tolerances.

Additional Information

Specifications Brayco 460 meets the requirements of and is qualified to the MIL-PRF-6081E Grade 1010 specification. This fluid is identified by the NATO Code Number: O-133. A

Storage

Shelf Life Brayco 460 has a maximum recommended shelf life of 6 years from date of manufacture. This shelf life assumes that the product is stored in its original unopened packaging in ambient temperature conditions.

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