



Product Data

Brayco™ 922

Calibrating Fluid Aircraft Fuel System Components

Description

Castrol Brayco™ 922 is a special run, stoddard solvent calibrating fluid.

Conditions of Use

Brayco 922 is designed for use in the calibration of fuel system components for aircraft reciprocating engines and aircraft gas turbines. It is compatible with Nitrile, PVA and Viton, but not recommended for use with butyl rubber, natural rubber, neoprene or EPDM.

Characteristics

Temperature range of 10°C to 30°C (50°F to 86°F)

Typical Characteristics

| Name | Method | Unit | Brayco 922 |
|--------------------------------------|-------------|----------|------------|
| API Gravity @ 16°C / 60°F | ASTM D 286 | - | 53.0 |
| Specific Gravity @ 16°C / 60°F | AMST D 1298 | - | 0.77 |
| Pounds per Gallon @ 16°C / 60°F | - | - | 6.38 |
| Viscosity @ 25°C / 77°F, cSt | AMST D 445 | cSt | 1.19 |
| Gum, Exist, mg/100 ml | - | Max | 1 |
| Distillation - Initial Boiling Point | ASTM D 86 | °C / °F | 156 / 310 |
| Distillation - Final Boiling Point | ASTM D 86 | °C / °F | 175 / 345 |
| Distillation - Recovery | ASTM D 86 | % | 99 |
| Flash Point - closed cup method | - | °C / °F | 40 / 104 |
| Sulphur Content - Mercaptans | ASTM D 4952 | - | Pass |
| Copper corrosion (3 hrs@100°C/212°F) | ASTM D 130 | Rating | 1b |
| Aromatics | AMST D 1319 | % Volume | 0.7 |
| Olefins | AMST D 1319 | % Volume | 1.0 |
| Particulate Matter | AMST D 2276 | mg/liter | 0.55 |
| Acid Number | AMST D 3242 | mgKOH/g | 0.005 |

Subject to manufacturing tolerances

Additional Information

Packaging

Brayco 922 is available in 55 gallon drums.

Specification

Brayco 922 meets the requirements of MIL-PRF-7024F, Type II.

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12 Jan 2018

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BP Lubricants USA Inc., 1500 Valley Road, Wayne, NJ 07470
Telephone: +1-888-CASTROL Product Information: +1-877-641-1600
www.castrol.com/en_us/b2b/home.html