



## Product Data

# Castrol Brayco<sup>®</sup> 922

Calibrating Fluid Aircraft Fuel System Components

### Description

Castrol Brayco<sup>®</sup> 922 is a special run, stoddard solvent calibrating fluid.

### Temperature Range

10°C to 30°C (50°F to 86°F)

### Uses

Brayco<sup>®</sup> 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.

### Packaging

Brayco<sup>®</sup> 922 is available in 55 gallon drums.

### Specification

Brayco<sup>®</sup> 922 meets the requirements of MIL-PRF-7024E, Type II.

Castrol Brayco<sup>®</sup> 922  
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All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial Australia products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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### Typical Properties

### Castrol Brayco® 922

Test (ASTM)	Description	Specification Requirement	Result
D 286	Gravity, API @ 60°F (16°C)	51.0 - 53.5	53.0
D 1298	Specific Gravity @ 60/60°F (16/16°C)	0.765 - 0.775	0.77
Table 8	Pounds per Gallon @ 60°F (16°C)	6.368 - 6.455	6.38
D 445	Viscosity @ 77°F (25°C), cSt	1.12 - 1.22	1.19
D 381	Gum, Existent, mg/100 ml	5.0 Maximum	1
D 86	Distillation Initial Boiling Point, °F (°C) Final Boiling Point, °F (°C) Recovery, %	300 (150) Minimum 410 (212) Maximum 98.5 Minimum	310 (156) 345 (175) 99
D 56	Flash Point, TCC, °F (°C)	100 (38) Minimum	104 (40)
D 235	Mercaptan Sulfur, % (or Doctor Test)	0.001 Maximum	Pass
D 130	Copper Corrosion 3 hrs @ 212°F (100°C)	1 Maximum	1 1b
D 1319	Aromatics, % Volume	20 Maximum	0.7
D 1319	Olefins, % Volume	5.0 Maximum	1.0
D 2276	Particulate Matter, mg/liter	2.0 Maximum	0.55
D 3242	Total Acid Number, mgKOH/gm	0.015 Maximum	0.005

Health, safety and environmental information are provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products. Castrol will not accept liability if the product is used other than in the manner or with the precautions or for the purpose(s) specified. Before using the product other than directed, please contact Castrol for consultation.

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