



## 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, Existent, 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 208L drums.

### **Specification**

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

Brayco™ 922

04 Dec 2015

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol (UK) Limited, PO BOX 352, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW  
Orders/Enquiries: 0345 9645111 Technical Enquiries: 0345 082 1719  
[www.castrol.com/industrial](http://www.castrol.com/industrial)