



Product Data

Castrol Brayco 795 Hydraulic Fluid, Low Viscosity Petroleum Base

Description

Castrol Brayco™ 795 is a petroleum-based, low viscosity, ISO Grade 10, hydraulic fluid for aircraft and industrial use. It uses a blend of highly refined basestocks.

Temperature Range

-54°C to 135°C (-65°F to 275°F)

Applications

Brayco 795 is designed for use in aircraft clutch and brake devices where a low temperature fluid is required. It is formulated with special additives which assist in providing quiet operation of aircraft clutch and brake devices including the no back brake device.

Shelf Life

Brayco 795 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.

Typical Characteristics

Test	Method	Units	Result
Kinematic Viscosity @100°C (212°F) @40°C (104°F) @-40°C (-40°F) @-54°C (-65°F)	ASTM D445	cSt	3.9 11.0 600 2400
Viscosity Index	ASTM D2270		305
Calculated Brookfield Viscosity @-54°C/-65°F	ASTM D2983	cP	~3000
Pour Point	ASTM D97	°C/°F	<-60/<-75
Flash Point	ASTM D92	°C/°F	110/230
Spark Emission Spectroscopy, Phosphorous	CN-TM-083	ppm	300
Spark Emission Spectroscopy, Boron	CN-TM-083	ppm	120
Total Acid Number	CN-TM-132	mg KOH/gm	1.8
X-Ray Emission, Sulfur	VN-TM-042	ppm	200
API Gravity	ASTM D287	degrees	30.3
Specific Gravity @16°C/60°F	Table 3		0.875
Density @16°C/60°F	Table 8	Lbs/gal	7.28

Subject to usual manufacturing tolerances.

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. User accepts all risks and liabilities if the product is used other than in the manner, with the precautions, or for the purpose(s) specified. Before using the product other than directed, please contact Castrol ILS for consultation.

Brayco 795
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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 Ltd products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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