



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.

Application

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.

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 11 600 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.

Additional Information

Temperature Range

-54°C to 135°C (-65°F to 275°F)

Storage

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.

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