



## Brayco 795

Low Viscosity Speciality Hydraulic Fluid

### Description

Castrol Brayco™ 795 is a petroleum-based, low viscosity 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".

It is suitable for use over an operating temperature range of -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.

## Typical Characteristics

Name	Method	Units	Brayco 795
API Gravity	ASTM D287	-	30.3
Specific Gravity @ 15°C / 59°F	ISO 3675 / ASTM D1298	-	0.875
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m <sup>3</sup>	726
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm <sup>2</sup> /s	3.9
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm <sup>2</sup> /s	11
Kinematic Viscosity @ -40°C / -40°F	ISO 3104 / ASTM D445	mm <sup>2</sup> /s	600
Kinematic Viscosity @ -54°C / -65°F	ISO 3104 / ASTM D445	mm <sup>2</sup> /s	2400
Viscosity Index	ISO 2909 / ASTM D2270	-	305
Brookfield Viscosity	ISO 9262 / ASTM D2983	cP	3000
Pour Point	ISO 3016 / ASTM D97	°C/°F	< -60 / < -75
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	110 / 230
Phosphorous content	ASTM D5185-05	ppm	300
Boron content	ASTM D5185-05	ppm	120
Acid Number	ISO 6619 / ASTM D664	mgKOH/g	1.8
Sulphur Content	VN-TM-042	ppm	200

Subject to usual manufacturing tolerances.

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01 Sep 2016  
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