

Castrol Brayco Micronic 781-3

Gear Lubricants and Hydraulic Fluids

Description

The Castrol Brayco® Micronic 781 Series are composed of two different grades of multi-purpose gear lubricants and anti-wear hydraulic fluids. The wide range of viscosities and pour points offer maximum protection in various climates. These oils contain anti-rust additives, corrosion and oxidation inhibitors, lubricity and extreme pressure additives, anti-wear agents, and viscosity index improvers. These lubricants are highly filtered to provide an ultra-clean fluid insuring trouble-free operation in close tolerance parts.

Application

The Castrol Brayco® Micronic 781 Series are designed to provide excellent service for radar units in various climates.

Typical Characteristics

TEST	DESCRIPTION	RESULTS
D 287	API Gravity, degrees	27.1
Table 3	Specific Gravity @ 60°F/60°F (16°C/16°C), g/ml	0.8922
Table 8	Pounds Per Gallon @ 60°F (16°C)	7.429
D 445	Viscosity @ -40°F (-40°C), cSt @ 20°F (-7°C), cSt @ 45°F (7°C), cSt @ 100°F (38°C), cSt @ 210°F (100°C), cSt	--- 904 202 30.9
D 2270	Viscosity Index	206
D 97	Pour Point, °F (°C)	-45 (-48)
D 92	Flash Point, °F (°C)	425 (218)
	Fire Point, °F (°C)	450 (232)
FTM 6503	Evaporation Loss, % wt 22 hours @ 210°F (100°C)	1
	Mean Hertz Load	72
D 130	Weld Point, kg	620
D 665	Copper Strip Corrosion 3 hours @ 250°F (122°C)	2a
FTM 3009	Rust Test, Procedure A 24 hours @ 140°F (60°C)	Pass
	Particle Contamination per 100 mL 10 - 25 Microns 26 - 100 Microns + 100 Microns Fibers, 40 by 500 Microns	11,200 180 3 1

Additional Information

Castrol Brayco® Micronic 781-2 and 781-3 are available in 5 gallon pails. Both products have a 70 pail minimum order.

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