



Castrol Brayco® 460
Jet Engine Lubricating Oil

PRODUCT DATA SHEET

DESCRIPTION

Castrol Brayco® 460 is a petroleum-based, jet engine lubricating oil. The base oil is a highly refined mineral oil meeting the highest standards of quality.

USE

Castrol Brayco® 460 is designed for use in older jet engines and other high-speed turbines that require this type of petroleum-based turbine oil. *Castrol Brayco® 460* may also be used in various applications requiring low temperature operation and good viscosity behavior.

PACKAGING

Castrol Brayco® 460 is available in 55 gallon drums and 5 gallon pails.

SPECIFICATION

Castrol Brayco® 460 meets the requirements of and is qualified to MIL-PRF-6081D, Grade 1010.

CASTROL BRAYCO® 460 TYPICAL PROPERTIES

TEST (ASTM)	DESCRIPTION	SPECIFICATION REQUIREMENTS	TYPICAL
D 287	Gravity, API @ 60°F (16°C), degrees	Report	30
Table 3	Specific Gravity @ 60°F/60°F (15.6°C/15.6°C), g/ml	Report	0.88
Table 8	Pounds Per Gallon @ 60°F (16°C)	Report	7.3
D 445	Viscosity @ 38°C (100°F) , cSt @ 40°C (104°F), cSt @ 100°C (212°F), cSt @ -40°C (-40°F), cSt	10.0 Minimum 3000 maximum	10.25 9.6 2.4 2750
SPEC	Stability Change, %	2 Maximum	0.40
D 92	Flash Point, COC, °F (°C)	270 (133) Minimum	284 (140)
D 97	Pour Point, °F (°C)	-70 (-57) Maximum	-74 (-59)
D 1500	Color	5.5 Maximum	<1.0
D 130	Copper Strip Corrosion 3 hours @ 212°F (100°C)	1 Maximum	1a
D 974	Total Acid Number, mg KOH/gm	0.10 Maximum	0
D2273	Trace Sediment, ml per 200 ml of oil	0.005 Maximum	0
Spec	Workmanship	Pass	Pass

Revised: November 30, 2000
Rev 4

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