



Product Bulletin

PENN-GRADE 1[®] BREAK-IN OIL

BRAD PENN[®] PENN GRADE 1[®] BREAK-IN OIL provides wear control for critical engine parts while allowing the engine components to seat resulting in maximum engine performance and life. It is formulated with Penn Grade Base Stocks and a state-of-the-art additive system, available in SAE 30.

BRAD PENN[®] PENN GRADE 1[®] BREAK-IN OIL is an optimum choice for professional engine builders as a break in engine oil.

BRAD PENN[®]

PENN GRADE 1[®] BREAK-IN OIL- Typical Properties

SAE Grade		30
API Gravity, 60°F	ASTM D-1298	27.8
Density, lbs/gal (g/L)	Calculated	7.398 (888.3)
Viscosity, cSt @ 40°C	ASTM D-445	93.3
Viscosity, cSt @ 100°C	ASTM D-445	11.3
Viscosity, SUS @ 100°F	ASTM D-2161	432.5
Viscosity, SUS @ 210°F	ASTM D-2161	66
Viscosity Index	ASTM D-2270	107.0
Pour Point, °F (°C) (max)	ASTM D-97	-30 (-33)
Flash Point, COC, °F (°C) (min)	ASTM D-92	440(226)
Color		Green
TBN	ASTM D-2896	7.2
Sulfated Ash, mass %	ASTM D-482	0.95
Product Code		7120



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