



# Product Data Sheet

## PENN-GRADE 1<sup>®</sup> BREAK-IN OIL

**BRAD PENN<sup>®</sup> PENN GRADE 1<sup>®</sup> 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<sup>®</sup> PENN GRADE 1<sup>®</sup> BREAK-IN OIL** is an optimum choice for professional engine builders.

### BRAD PENN<sup>®</sup>

#### PENN GRADE 1<sup>®</sup> BREAK-IN OIL- Typical Properties

<b>SAE Grade</b>		<b>30</b>
API Gravity, 60°F	ASTM D-1298A	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)	ASTM D-97	-30 (-33 )
Flash Point, COC, °F (°C)	ASTM D-92	440(226)
Color		Green
TBN	ASTM D-2896	7.2
Sulfated Ash, mass %	ASTM D-874	0.95
<b>Product Code</b>		<b>7120</b>