



Product Bulletin

AGMA 8A COMPOUNDED OIL

BRAD PENN® AGMA 8A Compounded Oil is a premium steam cylinder oil and worm gear lubricant formulated with high quality paraffinic base oils and compounded with an acidless tallow to allow condensate separation and provide good heat resistance. When exposed to steam, this oil forms an emulsion for effective steam engine lubrication.

BRAD PENN® AGMA 8A Compounded Oil is ideally suited for the lubrication of steam cylinders where exhaust steam is used. It is also recommended for the lubrication of worm gear drives, low speed bearings, enclosed chain drives, sprockets, and any other application requiring the use of an API Service GL-2 oil compounded with an acidless tallow. Follow equipment manufacturer recommendations for the selection of the appropriate viscosity grade.

BRAD PENN® AGMA 8A Compounded Oil - Typical Properties

ISO Viscosity Grade		1000
AGMA Grade		8A
API Service	Test Method	GL-2
API Gravity, 60°F	ASTM D-1298A	23.3
Density, lbs/gal (g/L)	Calculated	7.61 (915)
Viscosity, cSt @ 40°C	ASTM D-445	1040
Viscosity, cSt @ 100°C	ASTM D-445	50.0
Viscosity, SUS @ 100°F	ASTM D-2161	4,633
Viscosity, SUS @ 210°F	ASTM D-2161	234
Viscosity Index	ASTM D-2270	90
Pour Point, °F (°C)	ASTM D-5949	37 (3)
Flash Point, COC, °F (°C)	ASTM D-92	530 (277)
Color	ASTM D-1500	Opaque
Product Code		7782



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