

# PennGrade 1<sup>®</sup> Full Synthetic Hypoid Gear/Blower Racing Lubricant



## Product Description

**PennGrade 1<sup>®</sup> Full Synthetic Hypoid Gear/Blower Racing Lubricant** is a specially formulated 100% synthetic, SAE 75W-90 oil designed for use with self-contained systems where SAE 75W, SAE 80W-90 or SAE 90 grade gear oils are recommended. It is suitable for use in Roots and Lysholm Screw type superchargers and may be used in manual transmissions and hypoid differentials where high shock loading is a concern.

**PennGrade 1<sup>®</sup> Full Synthetic Hypoid Gear/Blower Racing Lubricant** may reduce overall oil temperatures by as much as 15°F over conventional gear lubes resulting in longer component life, less drag and more horsepower. This unique formulation offers excellent antifoam characteristics as measured by ASTM D892 and meets or exceeds the following performance requirements of MIL-PRF-2105E, SAE J2360, API MT-1, API GL-5 and Mack GO-J.

## Typical Properties

SAE Viscosity Grade	Test Method	75W-90
Viscosity @ 100°C, cSt	ASTM D445	16.2
@ 40°C, cSt	ASTM D445	111
Viscosity Index	ASTM D2270	140
Pour Point, °F (°C)	ASTM D97	-50 (-46)
Flash Point, °F (°C)	ASTM D92	410 (210)
API Gravity	ASTM D4052	33.2
Copper Strip Corrosion	ASTM D130	1a
FZG Test, Pass Stage	ASTM D5182	12

### D-A Part Number:

Case – 12/1 Qt

77666

