

RWS SYNTHETIC GEAR OIL 890

Typical Properties

AGMA Number	4/5 EP
Color	Dark Green
Viscosity, cSt	
At 40 C	183.7
At 100 C	18.3
Viscosity Index	111
Pour Pt, Deg F(C)	-15(-26)
Flash Pt., COC Deg F(C)	530(276)
Rust Test, ASTM D665	Passes Procedures A & B
Gravity, API @ 60 F	28.5

The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

RWS (Rapid-Water Separation) Synthetic Gear Oil 890 is manufactured from severely processed base stocks and compounded with additives to impart special film strength, anti-wear, oiliness, anti-oxidant, corrosion inhibitor, foam suppressant, and exceptional water separation characteristics. The additive system consists of extreme pressure technology for modification of gear rubbing surfaces to prevent welding and galling from inadequate film strength. The EP action is formed by chemical reaction between the additives and the metal surfaces under conditions of metal-to-metal contact resulting in boundary film lubrication.

APPLICATIONS

Recommended for its excellent oxidation and thermal stability to minimize viscosity increase and sludge formation at elevated operating temperatures. RWS Synthetic Gear Oil 890 contains special properties that enhance rapid water separation in unfavorable moisture-rich mechanical environments and is especially suitable for heavily loaded gear units subjected to shock loading.

The product is suggested for lubrication of various gear types such as spur, bevel, helical, worm, and industrial hypoid cases on mobile type equipment. Included also are gear systems incorporated in oil field equipment, cement mills, ball mills, crushers, hoists, winches, and marine machinery. This specialized lubricant is suitable for application in plain and rolling contact bearings. RWS Synthetic Gear Oil 890 meets requirements of AGMA 250.04, US STEEL 224, and Cincinnati-Lamb Landis P-74 for appropriate viscosity grades.