



SUPER 90 SYNTHETIC HYPOID EP GEAR LUBE RACING & EXTREME DUTY

TECHNICAL DATA SHEET – PRODUCT NUMBER 448590

Bert Blue Magic SUPER 90 Synthetic Hypoid EP Gear Lube Product Information:

Applications & Use:

- Extreme Duty - Differential Applications – calling for Hypoid EP Gear Lube SAE W90.
- Hi-Performance – Dirt Late Model - Short Track & Extreme Racing (without oil coolers).
- Universal differential design (Quick-Change, Ford 9 inch and others).
- High RPM, Suggested and Intended Design Application(s) only (not for transmissions).

Features & Benefits:

- Aerospace Advantages to increase metal surface technology and component durability through Diamond Like Additive™ Technology (DLA) providing a solid film lubricant with plating action.
- Premium Extreme Pressure with Aerospace high temperature anti-wear formulation technology.
- Protects during short term oil starvation periods & increases oil polarization upon surfaces.
- Crawls, adheres & sticks upon gear / metal surfaces including REM polished components.
- Minimizes frictional resistance, parasitic drag, rolling resistance & gear contact wear.
- Reduces operation temperatures (20°F - 40°F) as compared to other synthetic gear lubes.
- Advanced Aerospace Fully Synthetic Blended formulation provides maximum low temperature fluidity as well as high temperature stability while allowing additives to attract to metal surfaces.
- Maximizes High temperature/High shear performance with Poly-X viscosity stabilization technology protection upon gear, bearing and overall differential components.
- Component protection with increased overall service life as gear lube with DLA additive formulation flows through the gear and bearing parts, from low to high RPM requirements.
- Seal conditioning, anti-foam and oxidation additives & inhibitors.
- Compatible with all types of Buna seals, silicone materials and other seals.

Break-In Procedure suggested before the use of Bert Blue Magic synthetic gear lube:

- It is further suggested for the customer to have one additional session for final break-in.
- Use SynMax Break-In 80W90 Gear Lube to mate parts together and importantly cleanse components of metal particles and contaminants before the use of Bert Blue Magic Gear Lubes.

Key Features and Benefits Include:

Features	Advantages and Potential Benefits
PAO & Synthetic Base Oils.	Viscosity stability during low and high temperature requirements for premium Lubrication. Aerospace base oils attract lubricant and additives to metal surfaces.
Diamond Like Additives	Diamond Like Additive (DLA) Technology enhances metal surface areas to increase component durability and greatly decrease friction and rolling resistance.
Aerospace & Extra EP Hypoid Anti-Wear Additives	Premium / Extra Extreme Pressure Protection upon Hypoid Gear Area (ring and pinion), bearings and metal surfaces during racing and severe duty applications. Special lubrication protection with attraction upon REM polished components.



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Typical Properties:

SUPER 90 Synthetic Hypoid EP Gear Lube	
SAE Grade	85W90
Viscosity, ASTM D 445 cSt @ 40° C	220
Viscosity, ASTM D 445 cSt @ 100° C	19.5
Pour Point	-39°F
Flash Point	550°F

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

Health and Safety:

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations are followed as provided within the Material Safety Data Sheet (MSDS). MSDS's are available via Internet or upon request through your local dealer. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment. Always keep out of the reach of children.

SynMax Performance Lubrications – 13750 Metric Drive, Roscoe, IL 61073 USA

Exclusively for:
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