



# 693

OMEGA 693 X-Guard Synthetic Gear Oil



## X-Guard Synthetic Gear Oil

- *Extra Synthetic Protection to Enclosed Gear Units against Corrosion, Ageing, Micro-pitting, Scuffing, etc.*
- *Outstanding Demusibility Characteristics to Protect Against Moisture & Water Contamination*
- *Compatible with Seals and Coating Materials of Most Gear Units*

TRUST *Save Money*  
OMEGA *Enhance Performance*  
TO *Extend Service Life*



# SPECIAL FEATURES

**OMEGA 693 X-Guard Synthetic Gear Oil** is designed with innovative synthetic formulation beyond the performance of mineral base gear oils:

- **OMEGA 693** is formulated with 100% synthetic base fluid having much longer service life than mineral oils due to the excellent ageing, thermal and oxidation resistance at elevated temperatures.
- **OMEGA 693** offers unparalleled demulsibility to separate water, thereby protecting the gear units against moisture & water contamination.
- **OMEGA 693** provides exceptional fluidity to protect and lubricate gear units at extremely low temperatures.

# OUTSTANDING PROPERTIES

Verified by a series of stringent tests, **OMEGA 693** offers the following outstanding properties:

- Superb corrosion resistance to protect gears exposed to corrosive environment.
- Very low traction fluid film to lubricate gear teeth; hence, increases gear efficiency and reduces energy consumption.
- Good compatibility with seal and coating materials of most gear systems, lowering risk of gear oil leakage due to damaged seals and coatings.
- Outstanding resistance to micro-pitting and scuffing which are common causes of premature gear failure.
- Super anti-foam property – reducing the lubrication & operation troubles caused by foaming.

# USE FOR

**OMEGA 693** is highly recommended for lubricating and protecting helical, bevel, and planetary gear units including geared motors.

Use **OMEGA 693** for applications beyond the limits of conventional mineral base gear oils:

- Protecting and lubricating all types of enclosed gear units in cement plants, general manufacturing plants, paper mills, power plants, steel mills, paper mills, wind farms, etc.
- Particularly suitable for enclosed gear units exposed to harsh operating conditions such as moisture, extremely low and/or high temperatures, etc.



**Omega**

*The Ultimate Lubricant*

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