



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*
- *Approved by "Siemens - Flender Gear Units" Servicing Almost All Industries Including Wind Energy Sector*

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

Approved
by
**Siemens –
Flender
Gear Units**

MAGNA INDUSTRIAL CO. LIMITED
Total Quality Maintenance



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.
- **OMEGA 693** is an advanced gear oil approved by "Siemens - Flender Gear Units" which is one of the leading gear unit manufacturers in the world.

OUTSTANDING PROPERTIES

Verified by a series of stringent tests for approval by "Siemens – cGear Units", **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 recommended by "Siemens - Flender Gear Units" for their 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 as specified above by "Siemens - Flender 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 installed in remote areas exposing to harsh operating conditions such as moisture, extremely low and/or high temperatures, etc.



Omega

The Ultimate Lubricant

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The information contained in this publication supersedes all relevant information previously released and is to the best of our knowledge and accurate at the time of issue on March, 2012