



PTT HYCOMSYN FD 270

Hyper-Compressor Oil

Descriptions

- *PTT Hycomsyn FD 270*: Synthetic polyalkylene glycols are normally used in the hyper-compressor which is required for high compression unit. Lubricant consumption and compressor maintenance requirements are reduced because of less pre-polymer deposits. They also reduced loss of feedstock due to pre-polymerization and improve efficiency. Furthermore, this product is compliance with the food additive provisions of the Federal Food, Drug and Cosmetic Act.

Special Properties

- Superior load carrying and lubricant performance leading to minimize wear and extend cylinder life
- Low ethylene solubility compare to white mineral oil and PIB
- Stable, non-corrosive, high flash point and high viscosity index liquid
- Low pressure-viscosity coefficient which allow PTT Hycomsyn flow under high pressure condition

Application

- Appropriate for hyper-compressor in the final stage compression

Reference Standards

- US FDA 21 CFR 178.3570

Typical Values

- | | |
|---------------------------------|-------|
| - Specific gravity 20:20 °C | 1.085 |
| - Viscosity @ 40 °C, cSt | 270 |
| - Viscosity index | 236 |
| - Flash point COC °C (ASTM D92) | 262 |
| - Pour point °C (ASTM D97) | -7 |
| - Copper Corrosion (ASTM D130) | 1b |