

Nordvik EP GEAR OIL ISO 680 PN TGO 680

Extreme Pressure Industrial Gear Lubricant

Product Type	ISO Viscosity Grade	Application
Industrial gear oil	ISO VG 680	Heavy-duty gear systems

Product Description

Nordvik EP Gear Oil ISO 680 is an extreme pressure lubricant developed for industrial gearboxes operating under heavy loads and elevated temperatures. The mineral base oil formulation supports stable viscosity behavior over a broad temperature range and provides resistance to oxidation and ageing.

Sulfur and phosphorus extreme pressure additive technology helps create a protective film on gear tooth surfaces. This protection assists in reducing wear and friction, while anti-corrosion and anti-foam additives support dependable lubrication performance in service.

Applications

Recommended for the lubrication of industrial gearboxes using oil bath, oil mist, or circulating oil systems.

Suitable for heavy-duty gear applications involving high loads and high operating temperatures, subject to equipment manufacturer guidance and operating conditions.

Environmental Benefits

EP Gear Oil ISO 680 is formulated to help maintain lubricant performance over extended service periods through oxidation stability and wear protection. When used in line with equipment manufacturer recommendations, this can support responsible lubricant use and efficient maintenance planning.

- Extended lubricant service life can help reduce waste oil generation.
- Wear protection may contribute to longer gear and component service life.
- Stable lubricant performance helps reduce premature oil replacement.
- Used oil should be collected, recycled, or disposed of through authorized waste oil facilities in accordance with local regulations.

Safety Precautions

Before using or handling this lubricant, consult the latest Safety Data Sheet (SDS) for complete health, safety, handling, storage, and environmental information.

Handling

- Avoid prolonged or repeated skin contact.
- Avoid contact with eyes.
- Do not ingest the product.
- Use only in well-ventilated areas.

Personal Protective Equipment (PPE)

- Wear suitable protective gloves when handling new or used lubricant.
- Use safety glasses or eye protection where splashing may occur.
- Wash hands thoroughly after handling.

Storage

- Store in the original, tightly closed container.
- Keep in a cool, dry, and well-ventilated area.
- Protect from direct sunlight, excessive heat, and ignition sources.
- Prevent contamination from water, dust, and other foreign materials.

Spill Response

- Contain spills promptly using suitable absorbent material.
- Prevent product from entering drains, waterways, or soil.
- Dispose of contaminated absorbents in accordance with local regulations.

Disposal

- Dispose of used oil, empty containers, and contaminated materials through authorized waste management facilities.
- Do not discharge product into sewers, surface water, or the environment.

KEY FEATURES

✓ Strong extreme pressure (EP) performance

✓ Effective protection against gear wear

✓ Good oxidation stability

✓ Corrosion protection

✓ Foam control for consistent lubrication

✓ Reliable performance in heavy-duty service