



PREMIER
LUBRICANTS FACTORY LLC



KEY-DATA

ATC GERMANY

80W-90
GEAR OIL

MANUFACTURER APPROVALS

ATC Germany 80W-90 is formulated to meet the requirements of:

SAE Viscosity Grade: 80W-90
API Gear Oil Classification: GL-4 / GL-5 (depending on formulation)

Always verify compatibility with the equipment manufacturer's specification before use.

Properties and Benefits

- ATC Germany Gear Protection: Extends gear and component life under heavy loads.
- ATC Germany Reliable Performance: Ensures smooth and efficient gear operation.
- ATC Germany Durability: Maintains performance over long service intervals.
- ATC Germany Clean Operation: Helps reduce deposit formation in gear systems.
- ATC Germany Versatility: Suitable for a wide range of vehicles and equipment.

PRODUCT DESCRIPTION

ATC Germany 80W-90 is a high-performance, multi-grade gear oil formulated to provide reliable lubrication and protection for manual transmissions, differentials, and gear systems operating under moderate to heavy-duty conditions.

The advanced formulation offers excellent load-carrying capacity, thermal stability, and wear protection, ensuring long service life and efficient operation of gear components.

APPLICATIONS

- ATC Germany 80W-90 is suitable for use in:
 - Manual transmissions
 - Differentials (including hypoid gears)
 - Axles and final drives
 - Passenger cars, commercial vehicles, and off-road equipment
 - Agricultural and construction machinery (where specified)

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CUSTOMERS BENEFITS

- **ATC Germany Reliability:** Stable and consistent gear performance
- **ATC Germany Cost Efficiency:** Reduced maintenance and repair costs
- **ATC Germany Protection:** Minimizes wear and gear damage
- **ATC Germany Durability:** Long-lasting lubrication under tough conditions

CHARACTERISTICS

| Typical Properties | | |
|---------------------------|--------------------|-----------------------|
| Test Parameters | ASTM Method | Typical Values |
| Viscosity at 100 °C, cSt | D 445 | 15 |
| Viscosity Index | D 2270 | 100 |
| Flash Point, °C | D 92 | 210 |
| Pour Point, °C | D 97 | -30 |
| Density @ 15°C, Kg/l | D 1298 | 0.891 |

RECOMMENDATIONS FOR USE

- **ATC Germany 80W-90** should be used where SAE 80W-90 gear oil is specified by the manufacturer.
- Always follow the manufacturer's recommendations for gear oil specifications and service intervals.
- Do not mix with other gear oils unless approved.
- Ensure correct oil level is maintained for proper lubrication.
- Replace oil according to recommended maintenance schedules.

HEALTH, SAFETY AND THE ENVIRONMENT

- Avoid prolonged or repeated skin contact
- Use protective gloves when handling
- In case of eye contact, rinse immediately with clean water
- Do not ingest
- Dispose of used oil in accordance with local environmental regulations
- Do not discharge into drains, soil, or water systems

• **This product should not be used for any purposes other than the ones for which it is intended.**