



PREMIER
LUBRICANTS FACTORY LLC



KEY-DATA

ATC GERMANY

90W-140
GEAR OIL

MANUFACTURER APPROVALS

ATC Germany 90W-140 is formulated to meet the requirements of:

SAE Viscosity Grade: 90W-140
API Gear Oil Classification: GL-5
(typical for heavy-duty applications)

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

Properties and Benefits

- TC Germany High Viscosity Performance: Provides strong oil film under extreme load conditions.
- ATC Germany Extreme Pressure Protection: Protects gears under heavy shock loads.
- ATC Germany Thermal Stability: High resistance to oxidation and thermal breakdown.
- ATC Germany Wear Protection: Reduces wear on gears and bearings.
- ATC Germany Corrosion Protection: Prevents rust and corrosion in gear systems.
- ATC Germany Compatibility: Suitable for seals and materials used in gear assemblies.

PRODUCT DESCRIPTION

ATC Germany 90W-140 is a high-performance, heavy-duty gear oil formulated to provide superior lubrication and protection for gear systems operating under extreme load and temperature conditions. It is designed for use in differentials, final drives, and gearboxes requiring high-viscosity gear oil.

The advanced formulation ensures excellent extreme-pressure performance, thermal stability, and resistance to wear, helping extend component life and maintain reliable operation.

APPLICATIONS

- ATC Germany 90W-140 is suitable for use in:
 - Heavy-duty differentials and axles
 - Hypoid gear systems
 - Manual transmissions (where specified)
 - Commercial vehicles and heavy machinery
 - Off-road, agricultural, and construction equipment

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CUSTOMERS BENEFITS

- **ATC Germany Strength:** Designed for demanding and heavy-duty applications
- **ATC Germany Reliability:** Consistent performance under high loads
- **ATC Germany Cost Efficiency:** Helps reduce maintenance and downtime
- **ATC Germany Protection:** Minimizes risk of gear damage and failure

CHARACTERISTICS

PARAMETERS	UNIT	Specification		TEST METHODS
		90	140	
Density @ 30°C	Kg/L	0.88	0.89	ASTM D4052
Kinematic Viscosity @ 100°C	mm ² /s	16 – 20	26 - 32	ASTM D7042
Viscosity Index	-	Min. 95		ASTM D2270
Flash Point	°C	Min. 180		ASTM D93

RECOMMENDATIONS FOR USE

- **ATC Germany 90W-140** should be used where SAE 90W-140 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.
- Maintain correct oil level for proper lubrication and cooling.
- 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.**