



**PREMIER**  
**LUBRICANTS FACTORY LLC**



## KEY-DATA

**ATC GERMANY**

**ISO VG 46**  
**HYDRAULIC**

### MANUFACTURER APPROVALS

ATC Germany Hydraulic Oil ISO VG 46 is formulated to meet the requirements of:

ISO VG: 46  
DIN 51524 Part 2 (HLP)  
ISO 11158 HM  
AFNOR NF E 48-603 HM  
Denison HF-0, HF-1, HF-2  
(depending on formulation)

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

### PRODUCT DESCRIPTION

ATC Germany Hydraulic Oil ISO VG 46 is a premium anti-wear hydraulic fluid formulated to provide excellent protection, performance, and reliability in hydraulic systems operating under a wide range of conditions. It is designed to ensure efficient power transmission while protecting hydraulic components from wear, corrosion, and oxidation.

The advanced formulation helps extend equipment life, maintain system cleanliness, and deliver dependable hydraulic performance in industrial and mobile applications.

### APPLICATIONS

- ATC Germany Hydraulic Oil ISO VG 46 is suitable for use in:
  - Industrial hydraulic systems
  - Construction and earthmoving equipment
  - Agricultural machinery
  - Mobile hydraulic equipment
  - Hydraulic pumps, valves, and actuators
  - Manufacturing and production equipment
  - Systems requiring ISO VG 46 hydraulic oil

### Properties and Benefits

- ATC Germany Extended Equipment Life: Reduces wear and prolongs component durability.
- ATC Germany Reliable Operation: Ensures smooth and efficient hydraulic performance.
- ATC Germany Reduced Maintenance Costs: Helps minimize downtime and repair expenses.
- ATC Germany System Cleanliness: Helps prevent sludge and deposit formation.
- ATC Germany Long Service Life: Maintains performance over extended operating periods.

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## CUSTOMER BENEFITS

- **ATC Germany Reliability:** Consistent performance under demanding operating conditions.
- **ATC Germany Protection:** Excellent protection against wear and corrosion.
- **ATC Germany Efficiency:** Supports maximum hydraulic system productivity.
- **ATC Germany Cost Savings:** Helps reduce maintenance and operating costs.

## CHARACTERISTICS

Property	Method	Unit	
ISO			46
Specific Gravity 15°C	ASTM D 1298	kg/L	0,875
Viscosity at 40°C	ASTM D 445	cSt	41,4 – 50,6
Viscosity at 100°C	ASTM D 445	cSt	
Viscosity Index	-	cSt	>98
Pour Point	ASTM D 97	°C	<-20
Flash Point	ASTM D 92	°C	>215
Color	Crystal Gold		Crystal Gold

## RECOMMENDATIONS FOR USE

- **ATC Germany Hydraulic Oil ISO VG 46** should be used where ISO VG 46 hydraulic oil is specified by the equipment manufacturer.
- Follow the manufacturer's recommendations regarding lubricant specifications and service intervals.
- Maintain proper fluid levels for optimum system performance.
- Avoid mixing with incompatible hydraulic fluids.
- Replace fluid 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.**