



PREMIER
LUBRICANTS FACTORY LLC



KEY-DATA

ATC GERMANY

VG 220
GEAR OIL

MANUFACTURER APPROVALS

DIN 51517 Part 3 (CLP)
ISO 12925-1 Type CKD
AGMA 9005-F16
AIST (formerly US Steel) 224
David Brown S1.53.101
Cincinnati Machine P-74
SEB 181226
Fives Cincinnati Performance
Requirements
Flender Gear Units Requirements
Siemens Flender Industrial Gear
Systems

Properties and Benefits

- Excellent extreme pressure performance
- Superior wear and micropitting protection
- High oxidation stability
- Excellent rust and corrosion protection
- Good water separation characteristics
- Reduced foam formation
- Extended oil service life
- Reliable performance under heavy loads

PRODUCT DESCRIPTION

ATC Germany Industrial Gear Oil ISO VG 220 is a high-performance extreme pressure (EP) lubricant formulated with premium base oils and advanced additives. It is designed to provide outstanding protection against wear, micropitting, rust, and corrosion while ensuring reliable operation of industrial gear systems under heavy loads and severe operating conditions.

APPLICATIONS

- Industrial enclosed gear drives
- Spur gears
- Helical gears
- Bevel gears
- Bearings and circulating systems
- Heavy-duty industrial equipment

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CUSTOMER BENEFITS

- Extends gear and bearing life
- Reduces maintenance costs
- Minimizes equipment downtime
- Protects against wear and corrosion
- Enhances equipment reliability
- Supports long service intervals

CHARACTERISTICS

Properties			Method	Shell Omala S2 GX 220
Kinematic Viscosity	@ 40°C	mm ² /s	ISO 3104	220
Kinematic Viscosity	@ 100°C	mm ² /s	ISO 3104	19.4
Viscosity Index			ISO 2909	98
Flash Point COC		°C	ISO 2592	>240
Pour Point		°C	ISO 3016	-18
Density	@ 15°C	Kg/m ³	ISO 12185	899

RECOMMENDATIONS FOR USE

- Use in industrial gear systems where ISO VG 220 gear oil is specified by the equipment manufacturer. Follow manufacturer recommendations regarding lubrication intervals and maintenance procedures.

HEALTH, SAFETY AND THE ENVIRONMENT

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- 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.