

## INDUSTRIAL GEAR OIL 320

### Description

Industrial Gear Series is a line of exceptional performance, synthetic industrial gear oils designed to provide outstanding protection of gears and bearings, extended oil life even under extreme conditions, helping to enable problem-free operation of equipment and increased customer productivity. These scientifically engineered synthetic lubricants are formulated from synthetic base fluids that have exceptional oxidation and thermal properties and excellent low temperature fluidity.

### REDEFINING LIQUID ENGINEERING

### Performance Benefits

<b>Superb protection from micro pitting fatigue wear as well as high resistance to traditional scuffing wear</b>	<b>Excellent shear stability</b>
<b>Effective oxidation inhibitors and copper passivator minimize oil oxidation, limiting viscosity increase and can extend oil drain intervals</b>	<b>Excellent resistance to rust and corrosion and very good demulsibility</b>
<b>Excellent compatibility with common gearbox materials and with mineral-based gear oils</b>	

### Applications

TESTING METHODS	RESULTS
SAE GRADE	320
VISCOSITY, ASTM D445	
cSt @ 40 °C	320
cSt @ 100 °C	25
Viscosity Index, ASTM D 2270	100
Sulfanated Ash, Wt%, ASTM D874	1.0



Total Base # , mg KOH/g, ASTM D 2896	N/A
Pour Point, °C, ASTM D 97	-18
Flash Point, °C, ASTM D 92	215
Density @ 15°C kg/l, ASTM D 4052	0.90

## Approval

*APPROVED: ANSI/AGMA 9005-E02 EP • AIST 224 (formerly U.S. Steel 224) (Grades 68 to 320) • David Brown, Table E, approved (Grades 68 to 1000) • DIN 51517 Part 3 CLP (Grades 68 to 680)*

## Health, Safety & Environment

### Health and Safety

- Our Lubricant is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.
- Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.advancelubholdings.com>
- Protect the Environment Take used oil to an authorized collection point.
- Do not discharge into drains, soil or water. Additional Information Advice on applications not covered here may be obtained from our representative.