



# CITGO® CITGEAR® WT 320

## OVERVIEW



- A synthetic gear lubricant designed specifically for wind turbine gear lubrication. Meets industrial gear oil standard DIN 51517-3.

## FEATURES & BENEFITS



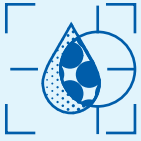
- Wear protection for gear and bearing components.
- Protection against micropitting.
- High viscosity index for performance over a wide temperature range.
- Oxidation stability and protection against rust and corrosion.
- Suppression of foam and air/oil dispersion.
- Seal compatibility per DIN 51517-3 and ISO 1817 (Flender).

## APPLICATIONS



- Designed for wind turbine gear lubrication.
- Can be used in industrial gear applications requiring extreme pressure (EP) protection, operating under a wide range of temperatures, and where a long-lasting fluid is desired.
- CITGO CITGEAR WT 320 meets the requirements of:
  - Hansen Gearboxes
  - FAG Schaeffler bearings in wind turbines (passed 4 step test)
  - Winergy
  - Moventas
  - David Brown\*
- CITGO CITGEAR WT 320 is approved for use:
  - Flender gear units by Siemens MD (Rev.15)—Approval No. A-CI-20160208

\*APPROVAL PENDING

**PROPERTIES****Typical Properties for CITGO CITGEAR WT 320:**

<b>ISO VISCOSITY GRADE</b>	<b>320</b>
Material Code	632604001
Gravity, ASTM D4052, °API	27.3
Density, lb/gal AT 60°F	7.42
Flash Point, COC, ASTM D92, °F (°C)	210 (410)
Viscosity ASTM D445	
cSt at 40°C	328
cSt at 100°C	38.2
Viscosity Index, ASTM D2270	167
Pour Point, ASTM D97, °F (°C)	-27 (-33)
Color, ASTM D1500	L1.0
Foam Test, ASTM D892, Seq. I, II, III	0-0, 10-0, 0-0
Water Separability, @180 °F, ASTM D1401	40/40/0/30
Former AGMA Grade	6 EP

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