



CITGO CITGEAR® WT 320

Date 09/17

DESCRIPTION: CITGO CITGEAR WT 320 is a synthetic gear lubricant designed specifically for wind turbine gear lubrication. CITGO CITGEAR WT 320 meets industrial gear oil standard DIN 51517-3.

- QUALITIES:** CITGO CITGEAR WT 320 offers:
- Wear protection for gear and bearing components
 - Protection against micropitting
 - High viscosity index (VI) for wide temperature performance
 - Oxidation stability and rust/corrosion protection
 - Suppression of foam and air/oil dispersion
 - Seal compatibility per DIN 51517-3 and ISO 1817(Flender)

APPLICATIONS: CITGO CITGEAR WT 320 is recommended for wind turbine gear lubrication and can also 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.

Approved for:

- Flender gear units by Siemens MD (Rev.15)—Approval No. A-CI-20160208
- FAG Schaeffler bearings in wind turbines (passed 4 step test)

TYPICAL PROPERTIES:

CITGO CITGEAR® WT 320

ISO VISCOSITY GRADE	320
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
ASTM D445, 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

CITGO and CITGEAR are registered trademarks of CITGO Petroleum Corporation. All other registered trademarks or trademarks are the property of their respective owners.

Values shown are typical values only and do not constitute a specification. The information contained herein is subject to change without notice.