



CITGO CITGEAR® WT 320

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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
- Hansen gearboxes
- 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
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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