

CITGO SYNDURANCE® PREMIUM
SYNTHETIC 460 GREASE #00



Date 4/12

DESCRIPTION: The CITGO SynDurance product line represents the latest in technology using synthetic PAO's in greases and is recommended for extended service applications; reducing operating costs and extending component life. It is designed as a high performance synthetic grease specifically for trailer wheel-ends operating under a wide range of conditions. It can also be utilized in industrial gear cases where operating temperatures are high, where conventional semi-fluid grease will not produce adequate lubricant life. Specially formulated to perform in demanding conditions of high and low temperatures, this grease offers the potential for energy savings and reduction in operating temperatures.

- FEATURES:**
- High temperature stability
 - Low temperature lubrication (lower starting torque)
 - Excellent anti-oxidation resistance
 - Excellent anti-wear protection
 - Excellent low friction properties
 - Excellent extreme pressure load carrying capacity
 - Exceptional corrosion protection

APPLICATIONS: CITGO SynDurance Premium Synthetic 460 Grease #00 is compatible with most Lithium and Lithium Complex greases. It is recommended for use in trailer axles, implement gear boxes, motorized wheelchair gear boxes and motorized conveyor gear boxes. It flows smoothly and evenly at temperature extremes from -40° C up to 190° C with appropriate re-lubrication intervals.

TYPICAL PROPERTIES:

CITGO SYNDURANCE® PREMIUM SYNTHETIC 460 GREASE #00

NLGI Grade	00
Material Code	655424001
Thickener	Lithium Complex
Texture	Smooth
Color, Observed	Green
Worked 60 Penetration, ASTM D-217	400-430
Rust Prevention, ASTM D-1743, rating	Pass
Emcor Corrosion Protection, ASTM D-6138	0 (Pass)
Sea Water Rust Prevention, ASTM D-5969	Pass
Four-Ball Wear, ASTM D-2266, mm	0.41
Four-Ball EP Weld Point, ASTM D-2596, kgf	315
Four-Ball Load Wear Index, ASTM D-2596, kgf	59
Low Temperature Torque, ASTM D-4693, N-m	2

CHARACTERISTICS OF BASE OIL

Viscosities:	
@ 100°C, cSt	44.6
@ 40°C, cSt	460
Viscosity Index	151