

CITGO SYNDURANCE® PREMIUM SYNTHETIC 460 GREASES



Date 04/18

DESCRIPTION: The CITGO SynDurance product line represents the latest in technology using synthetic PAOs in greases and is recommended for extended service applications; reducing operating costs and extending component life. The CITGO SynDurance Premium Synthetic 460 Greases are available in two NLGI Grades: #00 and #2.

The CITGO SynDurance Premium Synthetic 460 Grease #2 has superior water washout and spray off resistance, and is designed to prevent corrosion in fresh and sea water conditions. This is particularly important when exposed to corrosive anti-icing agents and water spray conditions.

The CITGO SynDurance Premium Synthetic 460 Grease #00 is specifically engineered for trailer wheel-ends operating under a wide range of conditions. It can also be utilized in industrial gear boxes where operating temperatures are high, where conventional semi-fluid grease will not produce adequate lubricant life. Both NLGI Grades offer performance in demanding conditions of high and low temperatures, and offer the potential for energy savings and reduction in operating temperatures.

Fully additized to provide superior extreme pressure (EP) and anti-wear characteristics, it is inhibited to resist corrosion and oxidation.

APPLICATIONS: The CITGO SynDurance Premium Synthetic 460 Greases are compatible with conventional lithium and lithium complex greases. They contain extreme pressure (EP) additives and provide superior corrosion protection. Consult owner's manual for proper lubricant selection.

The CITGO SynDurance Premium Synthetic 460 Grease #2 satisfies a wide range of industrial applications including:

- **Industrial Gear Boxes**
- **Paper Mills**
- **Industrial Bearings**
- **Heavy Duty Commercial On Road Fleets**

Fifth Wheels	Pins and Bushings	Slack Adjusters
Kingpins	Trailer Landing Gear Boxes	
- **Heavy Duty Off Road**

Dozers	Forklifts	Cranes
Scrapers	Excavators	Loaders
Backhoes	Compactors	Paving
Cold Planers	Forest Machines	Articulated Trucks
- **Agriculture**

Implements	Tractors	Combines
Tillage	Hay Balers	Mowers
Planting And Seeding	Harvesting	Skid Steers
Sprayers And Spreaders	Utility Vehicles	
- **Automotive Applications**

Wheel Bearings**	Chassis**
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**The CITGO SynDurance Premium Synthetic 460 Grease #2 meets the NLGI Service Classification of GC-LB and displays the NLGI Certification Mark as an Automotive Wheel Bearing and Chassis Lubricant

The CITGO SynDurance Premium Synthetic 460 Grease #00 is recommended for use in trailer wheel ends, implement gear boxes, motorized wheelchair gear boxes as well as motorized conveyor gear boxes. It flows smoothly and evenly at temperature extremes from -40°C up to 190°C with appropriate re-lubrication intervals.

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APPROVALS: Stemco® Heavy Duty Axles #00
SAF Holland LSZ Kingpin #2

**TYPICAL PROPERTIES:****CITGO SYNDURANCE® PREMIUM SYNTHETIC 460 GREASES**

NLGI Grade	00	2
Material Code	655424001	655427001
Thickener Type	Lithium Complex	Lithium Complex
Texture	Smooth, Adhesive	Smooth, Adhesive
Dropping Point, ASTM D2265	—	500
Color, Observed	Green	Green
Worked Penetration, ASTM D217	400-430	265-295
Rust Prevention ASTM D1743, Distilled Water	Pass	Pass
Rust Prevention ASTM D5969, 5% Synthetic Sea Water	Pass	Pass
Emcor Corrosion Protection ASTM D6138	Pass	Pass
Water Washout ASTM D1264 % Loss @ 175°F	—	2
Water Spray-off ASTM D4049, % Loss	—	15
Low Temperature Torque, ASTM D4693, N-m	2	3
Four-Ball EP Weld, ASTM D2596, kgf	315	620
USS Mobility @ -10°F, gpm	—	28
NLGI Classification	—	GC-LB
Base Oil Viscosity: 40°C, cSt	460	460

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