

**CITGO SYNDURANCE® PREMIUM
SYNTHETIC 460 GREASE**

Date 01/10

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. SynDurance Premium Synthetic 460 Grease 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. Fully additized to provide superior extreme pressure (EP) and anti-wear characteristics, it is inhibited to resist corrosion and oxidation.

APPLICATIONS: CITGO SynDurance Premium Synthetic 460 Grease is compatible with conventional Lithium and Lithium Complex greases. It contains extreme pressure (EP) additives and provides superior corrosion protection. This grease satisfies a wide range of industrial applications including all primary and secondary metal mill industrial bearings (steel, aluminum, copper etc) on processing equipment (casters, roll out tables, paper mill industrial bearings (heavy duty commercial including on-road HD fleets (fifth wheels, king pins, slack adjusters, pins and bushings) and off-road (dozers, scrapers, backhoes, cranes, and forklifts, excavators, loaders, cold planers, compactors, forest machines, harvesters, paving equipment, road reclaimers, articulated trucks, etc), agricultural implements and farm tractor bearings (tractors, combines, tillage, hay, balers, mowers, planting and seeding, harvesting, skid steers, sprayers and spreaders, utility vehicles, etc) and automotive applications (wheel bearings, chassis). This grease meets the NLGI Service Classification of GC-LB and displays the NLGI Certification Mark as an Automotive Wheel Bearing and Chassis Lubricant. Available now in NLGI No. 2.



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Date 01/10 - (Continued)

TYPICAL PROPERTIES:

CITGO SYNDURANCE® PREMIUM SYNTHETIC 460 GREASE

NLGI Grade	2
Material Code	655427001
Thickener	Lithium Complex
Texture	Smooth, Adhesive
Dropping Point, ASTM D-2265	500 min
Color Observed	Green
Worked 60 Penetration, ASTM D-217	265-295
Viscosity @ 40°C	465
Viscosity @ 100 °C	45
Viscosity Index	154
Rust Prevention	Pass
Emcor Corrosion Protection	Pass
5% Synthetic Sea Water Corrosion	Pass
Water Washout, ASTM D-1264	2% Loss
Water Spray-off, ASTM D-4049	<15% Loss
Wheel Bearing Leakage, ASTM D-4290	5 g Loss
Oil Separation, ASTM D-1742	0.72 g Loss
High Temperature Life, ASTM D-3527	100 hrs
Low Temperature Torque, ASTM D-4693	3 N-m
Fretting Wear, ASTM D-4170	5 mg
4 Ball EP Weld Point, ASTM D-2596	620
4 Ball Load Wear Index, ASTM D-2596	120
4 Ball Wear, ASTM D-2266	0.48
Timken, ASTM D-2509, lbs	50
USS Mobility @ 30°F	98 gpm
USS Mobility @ 20°F	88 gpm
USS Mobility @ 10°F	58 gpm
USS Mobility @ 0°F	40 gpm
USS Mobility @ -10°F	28 gpm
NLGI Classification	GC-LB