



CITGO[®] SynDurance[®] ST Synthetic Greases

OVERVIEW



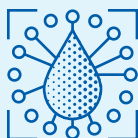
- Engineered for a wide variety of heavy duty applications.
- Formulated with a premium-quality lithium complex thickener system combined with the exceptional features of synthetic base oils to significantly increase bearing life and equipment reliability.
- Deliver superior protection in heavily loaded industrial, mining, and construction applications.

FEATURES & BENEFITS



- Synthetic base oils and additives provide excellent high-temperature oxidation resistance to enhance grease life and protect equipment for extended periods.
- Outstanding low-temperature performance improves pumpability and lowers starting and running torque, resulting in reduced operating temperatures and energy savings.
- Extremely stable lithium complex thickener retains consistency even in severe service.
- Extreme pressure (EP) and anti-wear additives provide protection against high loads and wear under severe conditions.
- Provide excellent water resistance.
- Contain corrosion inhibitors to protect equipment.

APPLICATIONS



- Recommended for heavy industrial applications including mining, steel mills and construction.
- Refer to equipment owner's manual for proper lubricant recommendation.

PROPERTIES



Typical Properties for CITGO SynDurance ST Synthetic Greases:

Material Code	655441001	655442001	655451001	655452001
ISO VIS Grade	220	220	460	460
NLGI Grade	1	2	1	2
Thickener Type	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex
Color	Purple	Purple	Purple	Purple
Texture	Smooth, Adhesive	Smooth, Adhesive	Smooth, Adhesive	Smooth, Adhesive
Worked Penetration, ASTM D217	310-340	265-295	310-340	265-295
Dropping Point, ASTM D2265, °F(°C)	>500 (260)	>500 (260)	>500 (260)	>500 (260)
Rust Prevention, ASTM D1743, Rating	Pass	Pass	Pass	Pass
Water Washout, ASTM D1264, % loss @ 175°F	2.3	1.8	2.8	1.9
Four-Ball Weld, ASTM D2596, kgf	500	500	500	500
Four-Ball Load Wear Index, ASTM D2596, kgf	62	62	62	62
Base Oil Viscosity @ 40°C, cSt	220	220	460	460

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