

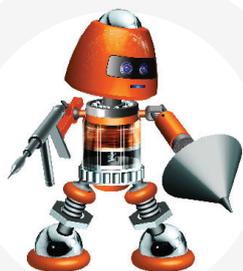
INDUSTRIAL | GREASE

HiTEC[®] 7197G

ZDDP Antiwear Agent for Greases



Protects Against Wear and Oxidation



 **Afton**[®]
CHEMICAL
Passion for Solutions[®]



HiTEC® 7197G ZDDP Antiwear Agent for Greases

Protects Against Wear and Oxidation

Application

HiTEC® 7197G Additive is a thermally stable, mixed alcohol, all primary, zinc dialkyl dithiophosphate. It provides wear protection and antioxidant performance in lithium, lithium complex, and other types of grease thickeners.

Key Performance Benefits

- Proven wear protection
- Excellent antioxidant
- Good thermal stability

Recommended Dosage

Dosages for HiTEC® 7197G Additive will vary with application. Please contact your Afton Chemical Representative for specific recommendations.

Typical Characteristics

Appearance	Clear yellow-green to brown oily liquid
Density, lbs/gal.	9.33
Kinematic Viscosity @ 100°C, cSt	11.0
Flash Point, °C (PMCC)	110 min.

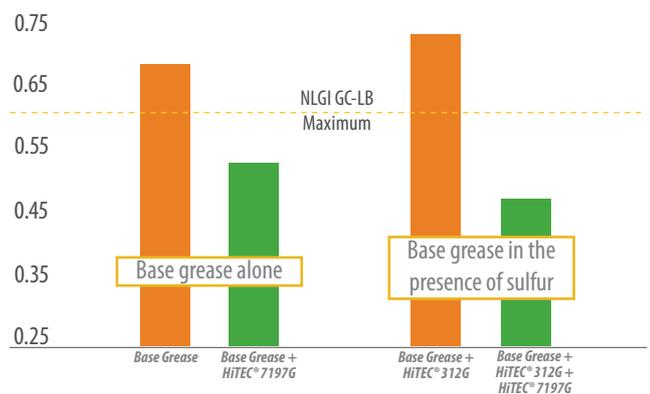
Handling Information

Max Handling Temp: (<24 hrs) 55°C
Shelf Life: 30 months @ ambient (10-35°C)

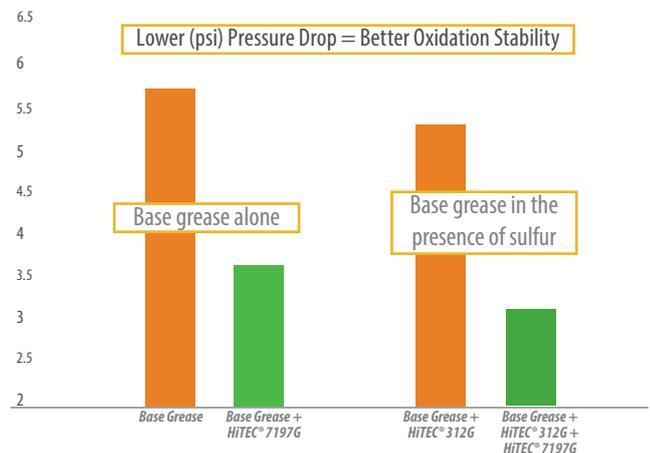
HiTEC® 7197G Additive provides improved performance in wear, oxidation stability, and corrosion protection – both as the primary component or in the presence of sulfur EP additives, such as HiTEC® 312G Sulfurized Isobutylene Additive, commonly used together in grease formulations.

Lithium 12-OH Base Grease / Group I Base Oil HiTEC® 7197G at 0.8% wt HiTEC® 312G SIB at 0.6% wt

Wear Protection, ASTM D2266 4 Ball Wear (40kg, 75C, 1200 rpm, 1hr); mm



Oxidation Stability, ASTM D942 @ 100 hrs; Pressure Drop, psi



Copper Corrosion, ASTM D4048 (24 hours, 100°C); Rating

	Base Grease	Base Grease + HiTEC® 7197G	Base Grease + HiTEC® 312G	Base Grease + HiTEC® 312G + HiTEC® 7197G
Rating	3a	2a	2c	1b