



Pennzoil® LONG-LIFE SYN-HUB PLUS 00

Synthetic Wheel Hub Grease

PENNZOIL® LONG-LIFE GREASE SYN-HUB PLUS 00 is formulated specifically for the lubrication of truck wheel hub assemblies. Manufactured from stable polyurea thickener and polyalphaolefin synthetic base stocks, this aqua coloured grease offers excellent protection for wheel hub bearing assemblies over a long service life. The polyurea thickener in LONG-LIFE GREASE SYN-HUB PLUS 00 offers extreme resistance to oxidation in service. The NLGI 00 consistency of LONG-LIFE GREASE SYN-HUB PLUS 00 offers the additional protection of not running out of wheel bearing assemblies onto brake shoes and pads, which virtually eliminates lubricant effects on brake fade and failures. LONG-LIFE GREASE SYN-HUB PLUS 00 further provides excellent protection against rust and corrosion.

LONG-LIFE GREASE SYN-HUB PLUS 00 is fortified with a unique, solids based extreme pressure and anti-wear system to provide excellent protection against premature wear of wheel bearings. LONG-LIFE GREASE SYN-HUB PLUS 00 is non-corrosive to all types of metals.

Applications

LONG-LIFE GREASE SYN-HUB PLUS 00 is designed for use in commercial vehicles equipped with grease lubrication systems for wheel bearing hub assemblies. It can also be used in converted systems that previously used trailer wheel hub oil.

Performance Features and Benefits

- Protects brakes from oil contamination
- Long service life
- Compatible with wheel hub assembly seals
- Good extreme pressure protection
- Contains no abrasive fillers
- Protects against rust and corrosion
- Reduces wheel end maintenance costs

Health & Safety

PENNZOIL LONG-LIFE GREASE SYN-HUB PLUS 00 is unlikely to present any significant health or safety hazard when properly used in the recommended applications, and where good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Pennzoil Product Safety Data Sheet.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES LONG-LIFE GREASE SYN-HUB PLUS

TEST	METHOD	TYPICAL RESULTS
NLGI Grade		00
Penetration	ASTM D 217	
Unworked		400
Worked, 60 strokes		405
Worked, 10,000 strokes		415
Thickener Type		Polyurea
Texture		Smooth
Color		Aqua
Rust Test, rating	ASTM D 1743	Pass
Oxidation Test	ASTM D 942	
Psi loss @ 100 hours		1
Psi loss @ 500 hours		3
Copper Corrosion, rating	ASTM D 4048	1b
Timken EP Test, OK Load, lbs.	ASTM D 2509	55
Four-Ball EP Test	ASTM D 2596	
Weld Load, kgf		400
Load Wear Index		45
Four-Ball Wear Test, scar diameter, mm	ASTM D 2266	0.4
1 hour, 75°C, 1200 rpm, 40 kgf		
Base Oil Viscosity		
@ 40°C, cSt	ASTM D 445	450
@ 100°C, cSt	ASTM D 445	42.0
MSDS Number		12234
Material Numbers		
35 Pound Pail		7877
120 Pound Keg		7879
400 Pound Drum		7878

These characteristics are typical of current production. Whilst future production will conform to Pennzoil's specification, variations in these characteristics may occur.