

601

Chain Drive Pin & Bushing Lubricant

TECHNICAL
CHESTERTON®
PRODUCTS

Description

Chesterton® 601 Chain Drive Pin & Bushing Lubricant is and has been the premium quality light lubricant of choice in industry for over thirty years.

This superior lubricant was specially formulated to penetrate between the close clearance of chain drive bushings and pins to provide critical lubrication. After penetrating close metal to metal tolerances, 601 Chain Drive Pin & Bushing Lubricant provides a long lasting, nondrying film which effectively lubricates metal surfaces so they run smoothly with far less wear.

Applications for 601 Chain Drive Pin & Bushing Lubricant can be found in every industry in both the production and maintenance areas. Use on any chain drive for assembly lines, conveyers, packaging equipment, hoist chains, link and roller assemblies, forklift trucks, tractors, machinery, chain saws and for any application requiring a high grade light oil. Used on robotic equipment, the product works extremely well both as a lubricant and as an anti-slag coating, allowing easy removal of excess weld spatter

Composition

Chesterton 601 Chain Drive Pin & Bushing Lubricant is not simply an oil but an oil formulated with selective compounds to effectively penetrate and lubricate chain drive pins and bushings. The pins, usually starved for oil, take on a new life.

The high quality petroleum base stock contains a uniquely effective additive package which enhances the performance of the product well beyond that of conventional chain lubricants.

Typical Physical Properties

Appearance	Clear, Amber Liquid	
ISO VG	(ASTM D2422, DIN 51 519)	22
Specific Gravity	0,9	
Viscosity	(ASTM D 445, DIN 51 561)	
@ 40°C (104°F) cSt (mm ² /s)		22
@ 100° C (212°F) cSt (mm ² /s)		4
Four Ball Wear Test	(ASTM D 2266, DIN 51 350)	
40 kg, 1 hr, 75°C, 1200 RPM		
Scar Diameter		0,5 mm
Weld Load		1568 N, 160 kg
Flash Point	(ASTM D 93, DIN 51 755)	127°C (260°F)
Pour Point	(ASTM D 97, DIN 51 755)	-25°C (-13°F)
Operating Temperature	-23°C to 150°C (-10°F to 300°F)	
Pin & Vee Block	(ASTM D 3233)	
Failure Load, Max		7367 N, 750 kg
Torque		3,2 N.m
Coefficient of Friction		0,06

■ **Extreme pressure additives** in the product increase load carrying ability by 300% which is especially needed to meet start-up stresses.

■ **Detergents** prevent dirt and dust from building up on the inside and outside of chains.

■ **Anti-Oxidants** help prevent the build-up of sticky lubricant residues common in other petroleum based lubricants.

■ **Corrosion inhibitors** protect metal against corrosion that would otherwise ruin bearing surfaces, increasing wear and the energy requirements needed to move the chains.

Features

- Rapid Penetration
- Excellent Hydrodynamic Lubrication
- Noticeably Extends Chain Life
- NSF H2 - Registration number 133979 (bulk) and 133927 (aerosol)

Directions

Apply by spraying or using squirt oiler or oil can with extended spout. Apply at each bushing. Apply evenly and reapply as needed. 601 can be dispensed in convenient automatic lubrication equipment. Use with Chesterton® 715 Spraflex®/Spraflex® Gold where an extreme pressure surface lubricant is required to protect against water and corrosion and lubricate rollers and drive gear surfaces.

Safety

Before using product, review the Material Safety Data Sheet (MSDS) or the appropriate safety sheet in your area.

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860 Salem Street
Groveland, Massachusetts 01834 USA
Tel: (781) 438-7000 • FAX: (978) 469-6528
www.chesterton.com

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WA HEAD OFFICE

Unit 1 / 45 Inspiration Drive WA 6065
☎ (08) 9303 4966 📠 (08) 9303 4977
✉ info@chainanddrives.com.au

NSW HEAD OFFICE

Unit 7 / 70 Holbeche Road Arndell Park NSW 2148
☎ (02) 9674 8611 📠 (02) 9674 8363
✉ salesnsw@chainanddrives.com.au

www.chainanddrives.com.au