

# 652

## PNEUMATIC LUBRICANT & CONDITIONER

### APPLICATION AREAS

- *Air Tools*
- *CNC Machinery*
- *Robotics*
- *Pneumatic Equipment*



### PRODUCT DATA SHEET

#### KEY FEATURES AND BENEFITS

- Will not cause sludge build-up
- Reduces costly maintenance
- NSF H2 - Registration number 133944
- Makes tools easier to use and more energy efficient
- Significantly reduces power consumption
- Prolongs life of air tools

#### PACKAGING

475ml  
 20L  
 208L

#### DIRECTIONS

652 Pneumatic Lubricant & Conditioner can be applied from bulk containers. Bulk containers can be used from existing lubrication systems or applied using any of the standard industrial techniques for applying a lightweight lubricant.

#### DESCRIPTION

Chesterton® 652 Pneumatic Lubricant & Conditioner is a high performance, low viscosity, lubricating formula designed to creep into the internal workings of air tools, reduce wear and eliminate the noise associated with rough running equipment. It is a cost-effective oil with high detergency that cleans as it protects and dramatically prolongs the life of pneumatic equipment. The low viscosity and surface tension of 652 Pneumatic Lubricant & Conditioner allow the oil to penetrate deep into the valves, pistons and other air tool components to protect against friction and wear. Chesterton 652 Pneumatic Lubricant & Conditioner lubricates internal parts such as solenoids, pistons and valves for smoother, more efficient operation. Chesterton 652 further improves operational efficiency of air systems by eliminating tramp and trace moisture from air lines, controls and pneumatic components. It also provides excellent corrosion protection of the pneumatic's internal parts against rusting.



#### TYPICAL PHYSICAL PROPERTIES

Appearance	Clear, amber liquid
Flash Point (ASTM D 93, DIN 51 755)	127°C (260°F)
Specific Gravity 20°C (68°F)	0,9
ISO VG (ASTM D 2422, DIN 51 519)	22
Viscosity (ASTM D 445, DIN 51 561)	
@ 40°C (104°F) cSt (mm <sup>2</sup> /s)	22
@ 100°C (212°F) cSt (mm <sup>2</sup> /s)	4
Four Ball Wear Test (ASTM D 2266, DIN 51 350)	1hr, 75°C, 1200RPM
Scar Diameter 40kg	0,5 mm
Weld Load	1568 N, 160kg
Pour Point (ASTM D 97, DIN 51 3016)	-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

Before using this product, please refer to Safety Data Sheet (SDS).