



AAA PRODUCTS INTERNATIONAL

FLUID POWER VALVES • JIFFY PRODUCTS

7114 Harry Hines Blvd., Dallas, TX 75235 • Phone: 214-357-3851 • Fax: 214-357-7223

E-mail: info@aaaproducts.com • <http://www.aaaproducts.com>

October 15, 2004

LUBRICATION OF AAA VALVES

All valves are pre-lubricated at the factory using Magnalube®-G teflon based all purpose grease. Valves are suitable for, and perform best in a low lube service.

For long life, use an air line filter/lubricator installed no further than 8 to 10 feet from the valve. The filter should be rated 25 pm or finer. Use a high grade of petroleum base non-detergent lubricating oil no heavier than **SAE IOW, ISO 32 VISCOSITY OR LESS. DO NOT OVER-LUBRICATE.**

This could cause the spool to stick.

CAUTION! Do not use questionable fluids in air line lubricators. Do not use petroleum oil with detergent additives. Detergents, volatile or aromatic fluids may swell rubber seals in valves and cylinders. Never use cooking or vegetable oil as a lubricant.

When cleaning AAA valves after extended service, lubricate the valve spool with AAA high film strength grease, or, use O-ring grease which is usually available from supply houses which sell O-rings. Magnalube®-G is included in all valve repair kits for proper valve maintenance. Never use any kind of oil, cup grease, or automobile chassis lubricant.

RECOMMENDED LUBRICATION

AAA Products International recommends the use of Magnalube®-G in all of its products. This lubricant is rated to serve under load conditions up to 1,450 psi, temperature ranges from -35°F to 458°F, mechanically and chemically stable, water resistant, and reduces the need for repetitive re-application. We do not recommend any lubricants that include cleaners or solvents. These types of lubricants have a tendency to swell the O-Rings and reduce the performance of the valve. O-Rings must be replaced once they swell.

FACTORY APPROVED INLINE LUBRICANTS (BUT NOT LIMITED TO)

MANUFACTURER	BRAND NAME
Mobil	DTE (Light) Velocite 10
Texaco	Regal R&O 32
Shell	Turbo 32

Any oil used for lubrication of AAA valves should be petroleum based, non detergent and be of an ISO 32 or less viscosity.

Other brands of 10W (ISO viscosity grade 32) hydraulic oils with a petroleum base are also acceptable if they meet the specified recommendations for lubrication.

APPROVED ANTI-FREEZE FOR WINTER USE

Kilfrost, Sierra

***** UNAPPROVED LUBRICANTS AND ANTI-FREEZES *****

Automatic transmission fluids

Alcohol based anti-freeze

Synthetic base oil or hydraulic oil

Tanner gas

Marvel mystery oil