

TECHNICAL DATA SHEET

LIQUILUBE

Conditioning Lube, Throat Seal Liquid and Flushing Fluid for Plural component, FRP, Polyurethane & Polyurea Proportioners, Pumps, Guns and Hoses



DESCRIPTION & SPECIFICATION

LiquiLube is a non-volatile, inert and safe plasticiser that has been specifically formulated to lubricate and condition plural equipment and proportioner pump seals and to prevent the formation of "Foam" and "Crystals" in the Iso side of the pump and lines.

Its primary functions are....

1. FILLING THE WET CUPS AT THE TOP OF EACH PISTON.

- This acts as a moisture barrier for polyester resin, Isocyanates, Epoxies and other products being processed through Airless and Air Atomising pumps and pump systems
- It prevents build-up of Iso "cheese" at the top of the Iso pump.
- It acts as a Lubricant for both the A & B pumps.
- It protects and prolongs the life of the Piston Seals.

2. FILLING THE ISO SIDE OF PLURAL EQUIPMENT DURING EXTENDED SHUTDOWN.

Always use moisture-lock hoses for use with isocyanate based systems. If Iso is left in the line for a long period of time during hot, humid weather, moisture tends to migrate through the walls of the hoses causing foam and crystals to form. This will get thicker and thicker over time until eventually after several months it will form a solid mass. Leaving some residual pressure in the Iso line after shutdown can help minimize this problem; however, the best method is to flush the Iso line with Xylene and then fill with LiquiLube as a standard part of the OPERATING PROCEDURE. LiquiLube is compatible with the Iso and Polyester resin and if the two mix in small quantities won't affect the performance of the system. Once the Iso has started to go "foamy" it may also contain crystals which will continually block the gun. The only solution to this problem is to flush the entire line with Xylene. PREVENTION IS BETTER THAN CURE...!

3. Liquilube is also suitable for use as a Throat Seal Liquid replacement on the Iso side of proportioning equipment.

CHARACTERISTICS

1. Liquilube is non-classified under REACH making it safer to use than DOP.
2. 100% solids and zero V.O.C.
3. Non-flammable
4. Non-volatile
5. Inert
6. Very low moisture content
7. Odourless
8. Colourless
9. Will not affect polyurethane or polyester chemistry when used according to instructions

PRODUCT SPECIFICATION

PROPERTY	
Appearance	Clear colourless Liquid
Viscosity @ 25°C, [CPs]	125
SG @ 20°C kg/m3	962
Water Content wt%	<0.05

STORAGE

Store in a dry location out of direct sunlight
After lengthy storage, slight clouding of the liquid may occur. At this stage it should be replaced with fresh material.

LIQUILUBE IS NOT A LUBRICATING OR ENGINE OIL...!

