

LOCTITE*Adhesives for more
reliable assemblies***APPLICATION CASE HISTORY****No. 201****Loctite® PST® 545 Pneumatic/Hydraulic Seal
Stops Leaks In Floor Cleaning Machinery****Problem:**

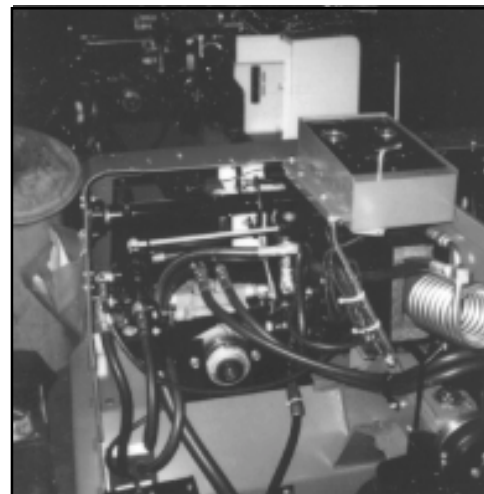
One of our customers is a worldwide manufacturer of hydraulically-controlled industrial floor cleaning machines. 61% of their plated, tapered, hydraulic fittings leaked in the first year of service. Teflon® tape could not be used, nor any sealant containing Teflon due to possible contamination problems of their 10 micron filter systems.

Solution:

Pneumatic/Hydraulic Threadsealant 545 seals fluid power and high pressure air fittings and won't foul hydraulic systems. It locks fittings against loosening from vibration, shock and hammering, and withstands temperatures up to 300°F. Pneumatic/Hydraulic Threadsealant 545 cures on oily fittings and provides controlled locking for easy disassembly. It can be used alone or with Locquic® Primer N to speed cure time.

Results:

Pneumatic/Hydraulic Threadsealant 545 has been approved for all sweeping and scrubbing equipment and written into this customer's hydraulic specifications. It is used in all their manufacturing plants, both domestic and foreign.

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