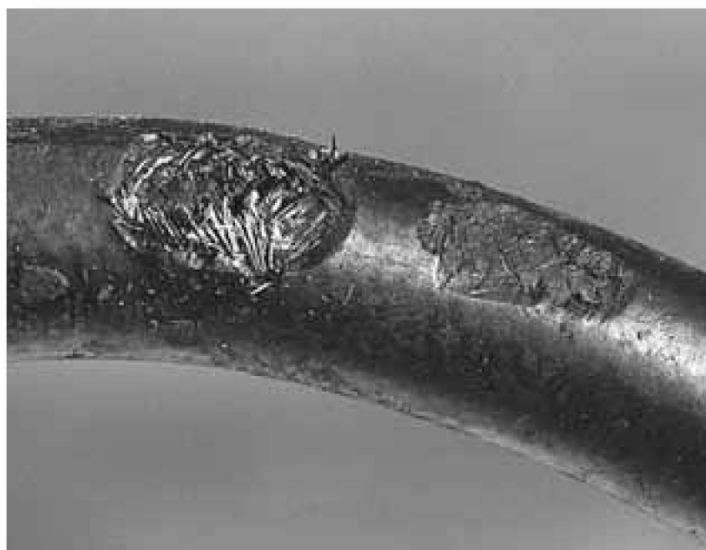


# Safe Hydraulic News



## Abrasion

### Problem:

Part of the hose cover has been removed, exposing the hose reinforcement.

This may be caused by continuous rubbing against equipment components, other hose or objects in the operating environment.

Cover erosion may also be caused by non-compatible fluids such as toxic chemicals, acids, detergents and non-compatible hydraulic fluids.

Exposed hose reinforcement is susceptible to rust and accelerated damage leading to hose failure.

For further information, refer to the Gates Safe Hydraulics Catalogue, available at:  
[www.1800hosevan.com.au/catalogues](http://www.1800hosevan.com.au/catalogues)

**1800 HOSE VAN**  
HYDRAULIC & INDUSTRIAL HOSE SERVICES



### Solutions:

1. Reroute hose  
Bundle hoses together that flex in the same direction. Clamps, bent tube couplings, nylon ties, spring guards and sleeving can be used to keep hoses away from abrasion sources and exposure to non-compatible fluids.
2. Protect hose  
Nylon and urethane sleeving and spring guards can be used to protect the cover from abrasion.
3. Change to a hose with a cover that is compatible with any chemicals it may contact
4. Use different hose cover type  
Use Gates hose with MegaTuff® or XtraTuff® covers, developed to solve abrasion problems.