

# Safe Hydraulic News



## Hose Cracks

### Problem:

If a hose cover or tube has cracks and appears hardened, this is typically caused by exposure to excessive heat and/or ozone.

Excessive heat can be created by:

- Routing near a heat source such as an exhaust manifold.
- Using an undersized hose or reservoir.

An increase of 10°C above the maximum temperature may decrease hose life by half. Cracks can also be caused by flexing, especially at excessively low temperatures. Never exceed the temperature rating of the hose.

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### Solution:

Select a hose that meets the temperature and flow requirements of the application. Also, identify the heat source and consider re-routing it away from the source to minimize the heat's effects.

Examine reservoir size [if necessary].

Further information is available from the Gates Safe Hydraulics Catalogue, available at: [www.1800hosevan.com.au/catalogues](http://www.1800hosevan.com.au/catalogues)