



*What you need to **know...***

... the choice of the oil used in the hydraulic cylinders may involve significant risk of damage. For this purpose, it is recommended to use either a hydraulic mineral oil or a vegetable-based biodegradable oil. If you opt for an ecological choice, you should know that there is a huge difference between domestic vegetable oil and vegetable-based biodegradable oil.

Domestic vegetable oil

This oil complies with Canada's Food and Drugs Act; it is not produced to meet the requirements of hydraulic systems and therefore cannot be used as a replacement for the recommended hydraulic oils.

Why?

- The heat resistance of domestic vegetable oil does not meet industry standards for hydraulic components, which causes the seals to harden because of the heat generated.
- This oil is degraded, has a percentage of saturated fat at room temperature and leaves solid deposits that can clog the product components.

➤ What to do if you've used domestic vegetable oil?

- Contact ITI Hydraulik.

Security aspect

Seals are critical components of valves and cylinders, so when joints harden, the seal is no longer assured. Therefore, the entire safety of the hydraulic system is compromised.



What we recommend?

Biodegradable vegetable oil

You want to use a biodegradable hydraulic oil, we recommend this oil suitable for hydraulic systems:

- *Mobil EAL 224H*
- *or equivalent*

Non-biodegradable hydraulic mineral oil

You want to use a non-biodegradable hydraulic mineral oil, we recommend this oil suitable for hydraulic systems:

- *Mobil EAL™ Hydraulic Oil 32 and 46*
- *Nuto™ H 32 and H 46*
- *Humble Hydraulic H*
- *Or equivalent.*

The validity of your guarantee

It is important to mention that to honor the guarantee we offer on products purchased from ITI Hydraulik, you must use the oils we recommend or the equivalents as a manufacturer.