

## LIQUID SPIN-ON FILTERS

### GENERAL SERVICE AND INSTALLATION TIPS



- ✗ Don't over-tighten.
- ✗ Don't use tools or filter wrenches to install filters – this may cause damage to the filter resulting in poor filter performance or leaks.
- ✗ Don't use grease to lubricate the gasket.
- ✓ Check and inspect the condition and security of threaded spigot.
- ✓ Dispose of any used oil or filters in a safe and proper manner in accordance with local state and federal regulations

#### Watch out for old gaskets!

When changing any filter that has a gasket — use caution as old gaskets may stick!



- ✓ Remove used gaskets and clean the sealing area thoroughly.
- ✓ Always install a new gasket when changing filter.

#### Storage and handling of Filters On-Site

Always store filters in their original packaging and cartons in a cool dry contamination free environment.



- ✓ Handle filters with care to prevent filter damage.
- ✓ If a product box has layers of contaminant, take care that the contaminant doesn't get on the new filter as you remove it from the box.
- ✓ Practice 'first-in, first-out' with your inventory. When possible, always use the oldest inventory first.
- ✓ Check the condition of element prior to fitting. Check the exterior of filter for signs of damage, and check the inside of the filter element for visible contamination.



#### Do not use Dented or Damaged Filters!

Filters that are dented prior to or during installation should not be used. Filters damaged whilst in service should be replaced immediately.

#### DID YOU KNOW

Here's a listing of the common installation, drain and brand icons along with its definition shown on Donaldson liquid filters.



Do Not Use Tools



Disposal / Recycle



Fill With Fuel



Fill With Oil  
(hydraulic or lube)



Lubricate Gasket



Hand Tighten



Complete Tightening  
(will include # of turns)



FFWS –  
Open, Drain, Close

