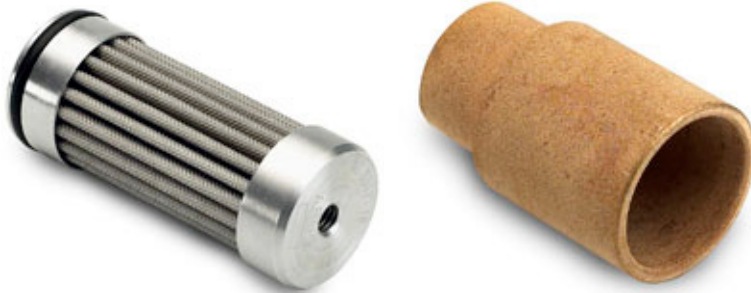




- Filtering
- Differential pressure versus flow
- Filter elements

Introduction to Hydraulic Filters



▲ Filtering

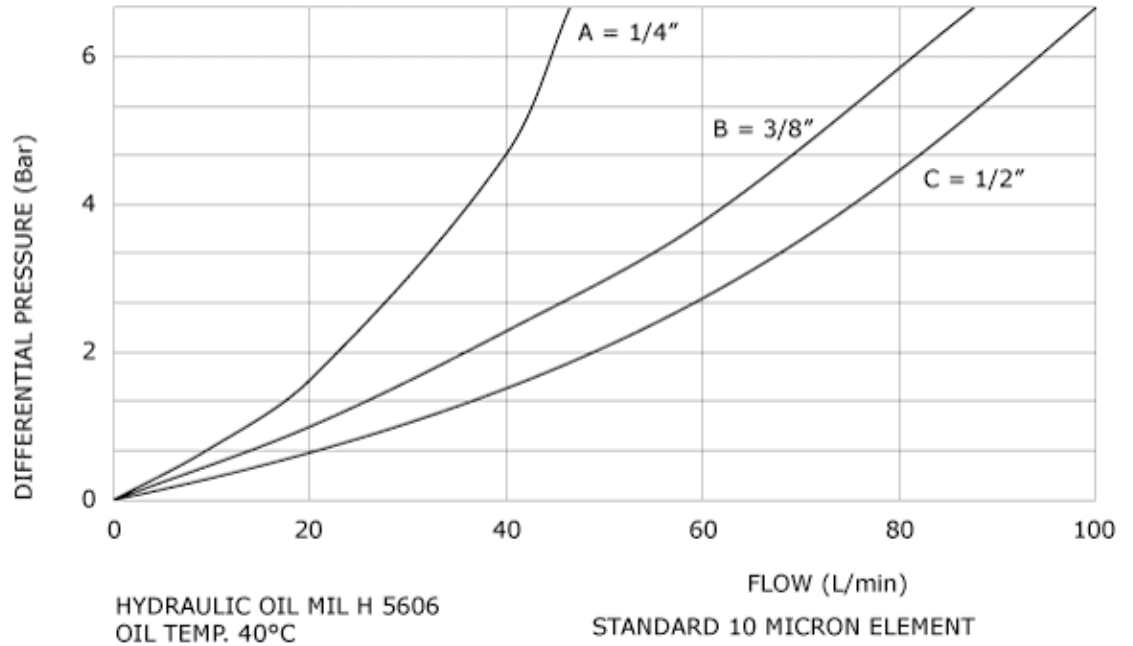
Contamination is the number one cause of failure in hydraulic systems. Failures can cause downtime, component and fluid replacement, as well as higher maintenance charges. Hydraulic filters deliver good protection against contamination, giving you predictable reliability for your hydraulic systems and components.

▲ Differential pressure versus flow

FLOW CHARACTERISTICS - HYDRAULIC FILTERS

A: 1/4", B: 3/8", C: 1/2", DIFFERENTIAL PRESSURE VS. FLOW

INLET PRESSURE 7 (Bar)



0-110 / 29.05.06

Example: Flow characteristics for hydraulic filters 52(T), 53(T) and 54(T).

ISO 9001
BUREAU VERITAS
Certification



▲ Filter elements

The hydraulic filter provides protection in hydraulic systems. Fitted on the pressure side of a pump it will protect the system and its control valves down to 10 microns. The sintered bronze element will not collapse, should foreign matter accumulate and increase pressure drop across the element.