Why Superior Filtration Matters.

FAST Fifteen

Give us 15 - we will give you targeted fluid cleanliness concepts for your machine.

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What does proper filtration do for you?

- As much as **85%** of all premature machine failures can be attributed to contamination

Sources of Contamination:

- Built In
- Ingression
- Generated
- Fluid
ISO codes are basically a dimensionless #. So what do they mean to your Equipment?

Chart shows how many pounds of contaminates go through a Hyd. system in a given Year at different ISO Codes!!!

Even though its just 1 ISO #, each drop cuts the dirt in ½!!!!!!
Basic Filtration Locations

- **High Pressure** — Protects most sensitive components i.e. servo valves, cylinders, hydraulic drives
- **Medium Pressure** — Typ. Lube & Charge pressure filters
- **Low Pressure** — Typ. Return Line or In-Tank filter
- **Offline/Stand by** — Kidney Loop or filter cart filtration

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Medium Pressure Filter (500 to 1500 psi)

**Top-Ported Filter:**
- GH6/9: 35gpm, 750psi
- GKF5: 100gpm, 500psi
- RLT: 75gpm, 800psi
- SRLT: 25gpm, 1400psi
- GH11/14: 100GPM, 725 psi

**Base-Ported Filter:**
- G2K9: 100gpm, 900psi
- GK9: 100gpm, 900psi
- QF15: 450gpm, 1500psi
- QF5: 300gpm, 500psi
- QFD5: 350gpm, 500psi
- QLF15: 500gpm, 1500psi
- SSQLF15: 500gpm, 1500psi

**Severe Duty Tank Mounted Filter:**
- MRT: 150gpm, 900psi
Low Pressure Filters (0 to 500 psi)

Top-Ported Filter

- GKF3: 100 gpm, 300 psi
- GKL3: 120 gpm, 300 psi
- GMLF1: 200 gpm, 300 psi
- LF1-2: 120 gpm, 300 psi
- TF1: 30 gpm, 300 psi
- RLD: 100 gpm, 350 psi

Tank-Mounted Filter

- BFT: 300 gpm, 100 psi
- KFT: 100 gpm, 100 psi
- KTK: 100 gpm, 100 psi
- LRT: 150 gpm, 100 psi
- LTK: 50 gpm, 0 psi
- MTA: 15 gpm, 100 psi
- MTB: 35 gpm, 100 psi
- GRTB: 100 gpm, 100 psi
- RT: 120 gpm, 100 psi
- ZT: 40 gpm, 100 psi
- QT: 450 gpm, 100 psi
- ART: 225 gpm, 145 psi

Spin-on Filter:

- MAF1: 50 gpm, 100 psi
- MF2: 60 gpm, 150 psi
- PAF1: 20 gpm, 100 psi
- SAF1: 20 gpm, 100 psi
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