

## HOW CLEAN IS YOUR OIL?

### INTERNATIONAL STANDARDS ORGANIZATION HYDRAULIC CLEANLINESS CODE

System Pressure	2000 psi (138 bar)	2500 psi (172 bar)	3000 psi (207 bar)	4000 psi (276 bar)
I.S.O. Code 5 $\mu$ /15 $\mu$	19/16	18/15	17/14	15/12
<b>Concentration per milliliter</b>				
Allowable Contaminants @ 5 $\mu$	5,000	2,500	1,250	320
Allowable Contaminants @ 15 $\mu$	640	320	160	40

Method used: Optical Particle Count

Recent changes have been imposed upon ISO testing because the "AC" fine test dust" is no longer available. NFPA 12.9.6 APC calibration standards use NIST calibration samples which more closely agree with electron microscopy and Coulter counting (changes in capacitance through an orifice). The effect of the code is the same.

ISO 4406