



***We Put Technology In Motion™***

**\*\*\* FOR IMMEDIATE RELEASE \*\*\***

**CONTACT:** Jeff Dierig  
Global Marketing & Internet Specialist  
SWECO, a business unit of M-I L.L.C.  
(859) 727-5116  
[jeff.dierig@sweco.com](mailto:jeff.dierig@sweco.com)

**SWECO Introduces the Latest in Hydrocyclone Technology**  
*Removing Solids in the 4 to 100+ Micron Range*

*Florence, KY* - SWECO, a business unit of M-I L.L.C., is pleased to introduce the latest in fine particle separation for wet processing; SWECO® Hydrocyclone Systems. These systems provide an economical and effective method for removing solid particles in the 4 to 100+ micron range from various slurries. Hydrocyclones typically make finer separations than are practical with screening separators and at significantly higher capacities. In many applications cyclones can be used in place of decanting centrifuges, providing the desired result at lower cost.

Hydrocyclones are supplied in either an open-manifold or a Packed-Vessel configuration. Manifolds (radial or linear orientation) utilize 2-, 4-, 5-, or 10-inch diameter cyclones while Packed Vessels contain either 1- or 2-inch diameter cyclones. Both configurations can process feed rates from 10 to 3,000 gallons per minute, depending on the size and number of hydrocyclones installed in the system.

The use of SWECO Hydrocyclones can lower the capital, operating, and maintenance costs of a solids-separation system. Installation is straightforward, as the hydrocyclone system is shipped assembled. Reliable operation of the system only requires a consistent feed at a steady pressure. The only moving parts are the feed pump and the slurry itself. Energy costs are much lower than those of a large centrifuge and the maintenance, when needed, is much simpler and easier to accomplish.

For demanding applications, SWECO can provide a hydrocyclone system integrated with a SWECO Centrifuge, Rectangular Separator, or Round Separator. The hydrocyclone system will concentrate the solids, reducing the volume to be handled by the centrifuge or screener. A smaller centrifuge or screener can then be selected at a considerable reduction in cost.

SWECO serves the minerals, chemical, food, pharmaceutical, paper and many other industries with a complete line of separation, sizing and milling equipment.

For more information, please visit [www.sweco.com](http://www.sweco.com) or e-mail [info@sweco.com](mailto:info@sweco.com).