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**Adapter kit upgrades energy-limited shakers to new Hi-E technology**

**HOUSTON, TX, Dec. 15, 2021** – Solids control and process technology provider Fluid Systems Inc. has introduced adapter technology that readily upgrades older drying and flow line shakers to the significantly higher efficiencies of the new generation Hi-E™ shaker.

Applicable for most manufacturers' brand of shakers, the Hi-E Kit Adapter more than doubles the G-forces generated by less efficient conventional shakers, thereby increasing processing capacity, reducing retention on cuttings (ROC), improving drilling fluid recovery and lowering operating costs. The relatively non-intrusive kit adapter is installed on the shaker basket with minimum cuttings and welding, and once in place, consistently increases the energy delivered across the screen panels up to 20 g. Conventional shakers typically deliver constant G-forces between 5 and 7 g, severely limiting the energy available to produce drier cuttings once fluid is fed to the shaker.

"The adapter kit technology works on the principle of resonance, in that it incorporates the use of mechanical excitors located underneath the screen panels to amplify the G-forces generated by the vibratory motors," explains Fluid Systems CEO Ben Hiltl. "In the face of increasing pressures on major capital expenditures and the

aggressive operating parameters characterizing today's climate, the adapter enables companies to quickly receive the operational and economic benefits of our advanced Hi-E shaker at a fraction of the costs of a new machine."

The recently introduced Hi-E shaker represents a step-change advancement in shaker technology by generating appreciably higher G-forces, ranging from 10-20 g. The higher energy generated on the specially engineered Hi-E excitors is transferred to the pre-tensioned high-strength screen panels and subsequently applied to the drill solids as they pass across the mesh. Also adaptable for mud cleaners, the Hi-E technology functions in both linear and balanced elliptical mode and is equally effective in dry and light loading or with wet and heavy loads.

### **About Fluid Systems Inc.**

Founded in 1982, Fluid Systems Inc. is a leading manufacturer of customized solids control, screening and process technologies for the global land and offshore oil and gas, mining and industrial sectors. Developer of the groundbreaking linear motion shaker and, more recently, the Hi-E technology, Fluid Systems designs and manufactures a comprehensive portfolio that includes, among other innovations, combined dual-motion, linear and balanced elliptical motion shakers, screen panels, mud cleaners with desanders and desilters, decanting centrifuges, and barite and mud-gas separators. The company offers complete drilling fluid and mineral-specific processing systems tailored to clients' specific drilling, mining and industrial specifications.

***High-resolution image attached:*** The new generation Hi-E shaker, which more than doubles the G-forces output compared to conventional shakers.