

miniBOOSTER in BOP Applications, Grease Injection

The miniBOOSTER dual media intensifier embodies new innovative technology and provides a compact, reliable and cost-effective alternative to pumping grease at very high pressure (15,000 PSI).

Grease injection provides a pressure barrier against the well pressure and maintains a grease seal around a static or dynamic wireline to prevent the escape of well fluids and gases.

As a slight degree of grease leakage is normal, the addition of fresh grease ensures that the consistency of the seal is maintained at a high efficiency level.

BOP grease injection units are traditionally based on air-driven pumps.

The dual media intensifier HC6D2(W) is normally placed in the grease tank. When applying high-viscosity grease, it is a good trick to heat and presurise the tank to force grease into the miniBOOSTER.

The HC6D2W is powered by a 3,000 PSI rig or vehicle hydraulics that supplies a constant flow of up to 3.8 l/min at 15,000 PSI.

