

Product Name :
High-Temperature Aging Cells Roller Oven

Product Code :
LIM-CAT-L0047-00009



Description :

High-Temperature Aging Cells Roller Oven

Technical Specification :

Roller Oven is an effective aid in determining the effects of temperature on drilling fluid as it circulates through the well bore. Aging the drilling fluid in pressurized containers effectively demonstrates the thermal effects on viscosity and how various additives behave at elevated temperatures. Aging is done under conditions that vary from static to dynamic and from ambient to highly elevated temperatures.

The time period needed to more fully develop properties varies from as little as several hours (usually 18 to 24 hours) to as much as several days. The aging can be done at either ambient or elevated temperatures.

Roller Oven has two power-driven rollers, a digital temperature controller, and a fail-safe over-temperature protection system. It provides an excellent method of aging fluid samples for further analysis.

High-Temperature Aging Cells containing sample fluids are placed in the roller oven where they are subjected to moderate heat and agitation (rolling) on power driven rollers. Samples may also be heated without rolling (static aging).

These Roller Ovens are constructed of polished stainless steel and other corrosion resistant materials. They are well insulated and the temperature is regulated by a digital electronic controller. An internal circulation fan assures an even temperature distribution throughout the oven.

Laboratory instruments manufacturers India

