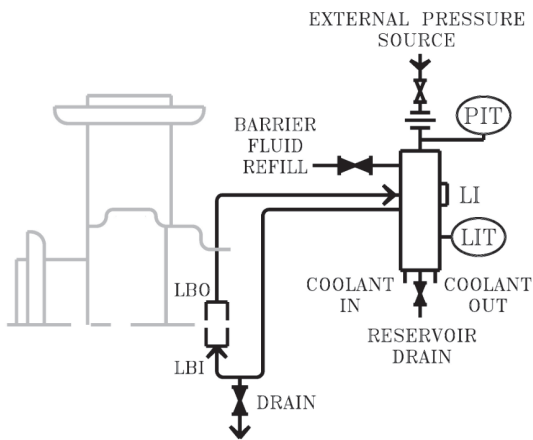


Plan 53A



Pressure Source,
Normally Open

Barrier Fluid
Refill

Normally
Closed

Level
Indicator

Coolant
In
 Drain,
Normally Closed
 Coolant
Out

Description: Plan 53A is an external reservoir, PRESSURIZED greater than the seal chamber pressure. Provides clean BARRIER fluid to an Arrangement 3 dual seal. Typically pressure is provided by nitrogen gas below 200 psig. Circulation provided by an internal pumping ring.

Objective: Provide favorable environment for long seal life. Ensure zero process emissions to environment.

Advantages: Prevents human and environmental contact with process. Enhanced cooling available using cooling coils. Best for toxic, hazardous, polymerizing, abrasive fluids and light hydrocarbons.

