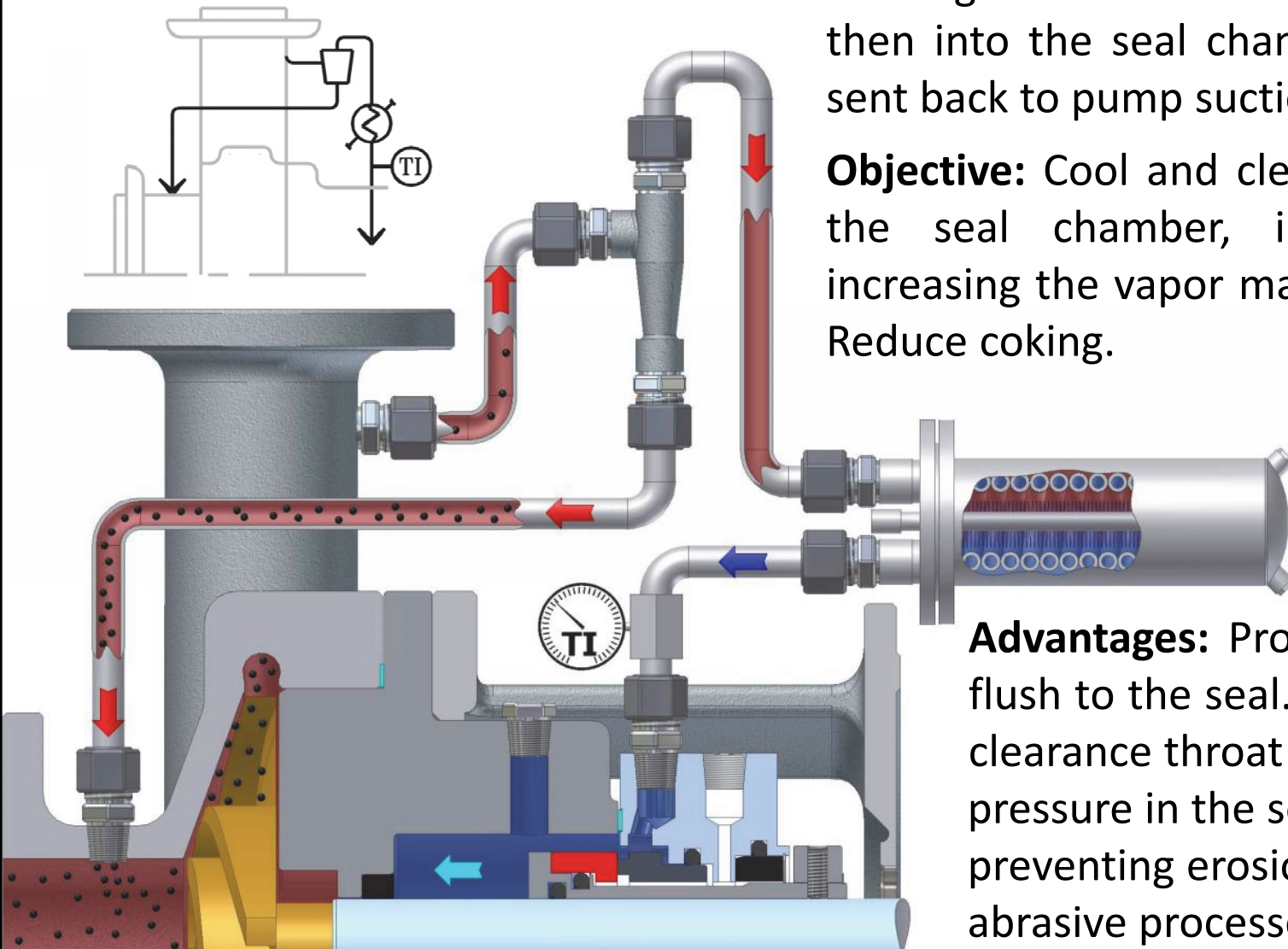


Plan 41



Description: Plan 41 is recirculation from pump discharge through a CYCLONE SEPARATOR, sending clean flush through a seal flush cooler, then into the seal chamber. Heavy particles are sent back to pump suction.

Objective: Cool and clean process being sent to the seal chamber, improving lubricity and increasing the vapor margin in the seal chamber. Reduce coking.



Advantages: Provides cooler and cleaner flush to the seal. When used with a close-clearance throat bushing, can raise the pressure in the seal chamber while preventing erosion to the seal from abrasive processes.