

# Using Low Temperature Catalyst Sachets with Anaerobic Jars

## Care and Replacement of Catalyst

Our experience indicates that catalyst should be replaced routinely after approximately 30 cycles.

The life of catalyst is dependent on many factors. Catalyst is irreversibly poisoned by exposure to sulphur and chlorine compounds, oil, unsaturated hydrocarbons and the vapours of some organic solvents. These substances include the products of metabolism of many anaerobes. Poisoning and the subsequent failure of the catalyst are almost invariably sudden and complete. Failed catalyst cannot be reactivated and must be replaced immediately.

If catalyst becomes damp it may be partially or totally inactivated, causing the user to believe that failure has occurred. Wet catalyst may be dried by placement in a hot air oven at 160°C for 30-60 minutes. Placing catalyst sachets in a warm oven will not extend the life of the catalyst indefinitely. Drying may provide some minor short term revitalisation of performance but is unable to reverse catalyst poisoning.

## General Observations

Do not attempt to refill catalyst sachets. Do not handle the catalyst sachet more than is necessary. Discard any sachet that is crushed or otherwise damaged.