

# SYN-QUEST TD55

## **General**

SYN-QUEST TD55 is a second generation concentrated blended total organic based corrosion inhibitor formulation. various applications including protection of closed heating and chilled water circuits and is suitable for use as an engine coolant in power generation systems.

## **Technical**

SYN-QUEST TD55 offers enhanced corrosion protection to multi metal fabricated systems including aluminium, steel & copper alloys.

## **Dosing**

SYN-QUEST TD55 is normally dosed at 3 l/m<sup>3</sup> to achieve the desired metal passivation at the early stages of use.

There is a simple alkalinity test method available for the determination of SYN-QUEST TD55

## **Control**

Differential Alkalinity measurement

## **Physichem**

State : Liquid  
Colour : Brown  
Odour : Perceptible odour  
pH : 8.50 - 9.50  
SG : 1.080 - 1.180

## **Features**

### **Application Areas**

Primary : Cooling (Closed)  
Secondary : Boiler (Closed)

### **Functional Areas**

Primary : Corrosion Inhibitor  
Secondary : Passivator  
Tertiary : Sequestrant

### **Test Methods**

Test For : Alkalinity M  
Target Value : 350 mg/l