



## Defoamer



### WHAT IT DOES:

Commonwealth Oil's **Defoamer** is an emulsion, which can be added to your sump for nearly instantaneous foam knockdown of an existing foam layer. Commonwealth Oil's defoamer affects the interstitial tension between molecules in each bubble of foam, thereby reducing the surface tension of the bubble. Bubbles then rapidly rupture, reducing the foam.

**Care must be taken when using this product to use only the recommended dosage. Using more than the recommended dose for a given volume can actually cause foam, or worsen an existing condition.**

### WHERE TO USE IT:

Add **Defoamer** to the machine sump as close to the pickup inlet for the pump as possible. Light agitation during mixing is helpful, but not mandatory. Add defoamer at the rate of 1 milliliter per 4 litres, or roughly 3.2 fluid ounces per 100 US gallons of sump capacity. For physical comparison, a shot glass is 1.5 fluid ounces. Two full shot glasses would be used to treat 100 US gallons. Remember that less is best.

A Commonwealth representative should examine systems that continue to foam after the addition of defoamer for other potential causes of the foam. Other potential causes for foam include leaking seals, worn pump components, leaking inlet hoses, etc.

Commonwealth manufactures coolants specifically designed for systems that would be prone to foam due to engineering design (small high-turnover sumps, and high pressure/high velocity fluid delivery systems). Ask your Commonwealth representative for more details on CommQuest HD and other low foaming coolants.

### PERFORMANCE BENEFITS:

Commonwealth Oil's **Defoamer** will provide fast and effective foam knockdown of an existing foam layer, and provides suppression for additional foam creation.



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## TECHNICALLY SPEAKING:

Test	Defoamer
Appearance	Milky White Emulsion
Flash Point, COC °C/°F	Water based, no flash point
pH	7.8
Density, lbs./US Gallon	8.68
Specific Gravity	1.036

These are typical figures and do not constitute a specification.

### Handling & Safety Information

For information on the safe handling and use of this product, refer to the Material Safety Data Sheet obtainable from Commonwealth Oil Corporation.



**Available in Pails, Drums and One-Way Bulk Containers**