



Product Data

Castrol Antifoam Concentrate Gear A

Antifoam additive

Description

Castrol™ Antifoam Concentrate Gear A is an advance antifoam package designed to solve foaming problems which can occur in certain industrial lubricants. It is synthetic based, containing a mixture of propriety antifoams.

Application

Castrol™ Antifoam Concentrate Gear A was originally developed for the high stresses found in the gear boxes of Wind Turbines; however, Antifoam Concentrate Gear A will be able to solve most foaming problems for mineral and synthetic (non polyglycol) based lubricants.

It contains siloxanes and silicones so care should be taken if it is used in the automotive industry due to the potential to form "fish-eyes" on newly painted surfaces.

Advantages

- Compatible with most Industrial gear oils and lubricants.
- Very active defoaming formulation.
- Available in concentrated form, ready to add.

Typical Characteristics

Name	Method	Units	Gear A
Appearance	Visual	-	hazy liquid
Colour	Visual	-	yellowish
Density @ 20°C/68°F	ISO 12185 / ASTM D4052	g/ml	0.9
Viscosity @ 40°C/104°F	ISO 3104 / ASTM D445	cSt	130
Flash Point (PMCC)	ISO 2719 / ASTM D93	°C/°F	175 / 347

Subject to usual manufacturing tolerances.

User Advice

Antifoam Concentrate Gear A is normally available in 600 gram (670ml) packs. The container should be shaken before use and then added very slowly into the gear box.

The following is the recommended dosing guidelines:-

Maximum dosage:-

1ml Gear A per 500ml of lubricant.

1 600 gram pack will treat a 335 liter system.

Minimum dosage:-

1ml Gear A per 5000ml of lubricants

1 600 gram pack will treat a 3350 liter system.

For normal systems the minimum dosage may be adequate, however, for more arduous conditions such as found in wind turbine gear boxes the maximum dosage may be necessary.

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