

# COMPONENTS

## HiTEC<sup>®</sup> 2030

Non-Silicone Component



Foam Tendancy and Stability, Minimiser for Industrial and Driveline Applications

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Foam Tendency and Stability, Minimiser for Industrial and Driveline Applications

### Key Performance Benefits

HiTEC® 2030 defoamer additive has been optimised for industrial and driveline lubricant applications. This acrylate based foam inhibitor is preferred in these types of oils for the following reasons:

#### - Compatibility in the field

HiTEC® 2030 is suitable for a wide range of applications, being generally very compatible with other oils and materials that the oil may contact during blending, shipping and use.

#### - Foam reduction performance

Foam inhibition is an important part of many industrial specifications. Foam can give rise to oil spillage, inefficient control response and many other problems

#### - Air entrainment reduction properties

Generally, foam inhibitors can raise the tendency of an oil to entrain air. This can lead to cavitation in some applications such as high pressure pumps. HiTEC® 2030 is designed to minimize the effect on air entrainment, allowing more base oils and viscosity grades to reach OEM air entrainment standards.

#### - Easier blending

Great care needs to be taken when adding any antifoam to oils during blending. HiTEC® 2030 is designed to minimize problems that arise during the blending process. Mechanical stirring is recommended.

### Recommended Dosage

HiTEC® 2030 applications include usage in gear oils, speciality lubricants, and hydraulic turbine and transmission oils. Typical use levels range from 100 to 200 ppm in the finished oil. Treat-rates may vary depending on base stock. Please contact your Afton Chemical representative for specific recommendations.

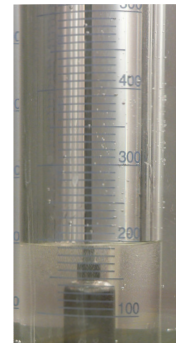
### Typical Characteristics

Appearance	Clear light yellow liquid
Colour APHA:	200 max
Density at 15°C, g/ml:	0.85
Specific Gravity, 60/60°F:	0.85
Flash Point, °C (PMCC):	59
Viscosity at 40°C, mm <sup>2</sup> /s:	40
Silicon level, ppm:	0
Refractive Index:	1.439
Active polymer content, %:	40

### HiTEC® 2030 Foaming Control



Without additive



With HiTEC® 2030 additive

### HiTEC® 2030 Foaming Control

Many industrial fluids containing this additive have been approved by OEMs including:

- Denison
- Vickers (Eaton)
- Cincinnati Lamb
- Flender
- Alstom
- Siemens
- and others

### Handling Information

Max Handling Temp: Ambient temperature  
Shelf Life: 36 months at ambient temperature