

ONYX AF521

Silicon Based Antifoam

DESCRIPTION:

ONYX AF521 is a polydimethylsiloxane, a polymeric organosilicon compound which is ideal to be used as defoaming agent. Very small quantities of the fluid are very effective in controlling foam, especially in lubricating oils.

The very high viscosity-index, the thermal and chemical stability, shear-breakdown resistance and the rubber compatibility as well as the compressibility make this fluid outstanding for mechanical and hydraulic uses.

Features & Benefits:

- Little change in physical properties over a wide temperature range.
- Thermally stable for extended time intervals.
- Excellent water repellency.
- Low surface tension. The fluid readily wets clean surfaces to impart water repellency and release characteristics.
- Low toxicity.
- Excellent defoaming properties.
- Non irritant to skin

Parameters	Typical	Test Methods
Density 25 °C	0.975	ASTM D4052
Flash Point (COC), °C	>300	ASTM D92
Freezing Point	-50	ASTM D97
Surface Tension mN/m	21.5	ASTM D4951
Refractive Index	1.403	ASTM D95

*The above characteristics are not specifications and are provided to indicate the typical values measured on the product.

Package, Storage and Transportation

ONYX AF521 has an unlimited useful life when stored at ambient temperatures. The product does not freeze and there are no restrictions on storage. A Product Safety Data Sheet should be obtained from your distributor prior to use.