

## DeIONIC LF-60

**DeIONIC LF-60** is a low foaming, low HLB nonionic alkoxyated alcohol with excellent wetting and dispersing properties. Dynamic surface tension of < 30 dynes/cm<sup>2</sup> can be achieved with 0.1% by weight in water.

### SPECIFICATIONS

Appearance @ 25°C:	Clear to hazy, almost colorless liquid
% Moisture:	1% max.
pH (5% in DI water):	5.0 – 8.0
Cloud Point (1% in DI water):	14-18°C
APHA Color/Gardner Color:	50 max. / 1 max.

**SOLUBILITY** DeIONIC LF-60 is soluble in water (below 14°C), alcohols, glycols and most solvents. It is dispersible in water above 18°C and insoluble in most oils.

### TYPICAL PROPERTIES

% Activity	96% min.
HLB (calculated)	~1.6
Density @ 25°C	~0.97 g/mL
VOC (typical)	~40.9 g/L

- Low foam
- Excellent wetting
- Alkali and electrolyte stable
- Promotes detergency
- Low surface tension
- Biodegradable
- Acid stable

### APPLICATIONS

- High spray pressure cleaners
- Mechanical dishwashing
- Industrial alkaline cleaners
- Industrial metal cleaners
- Liquid laundry detergents
- Pigment grinding and dispersant
- Bottle washing
- Textile wetting and scouring
- Agricultural sprays
- Powdered detergents

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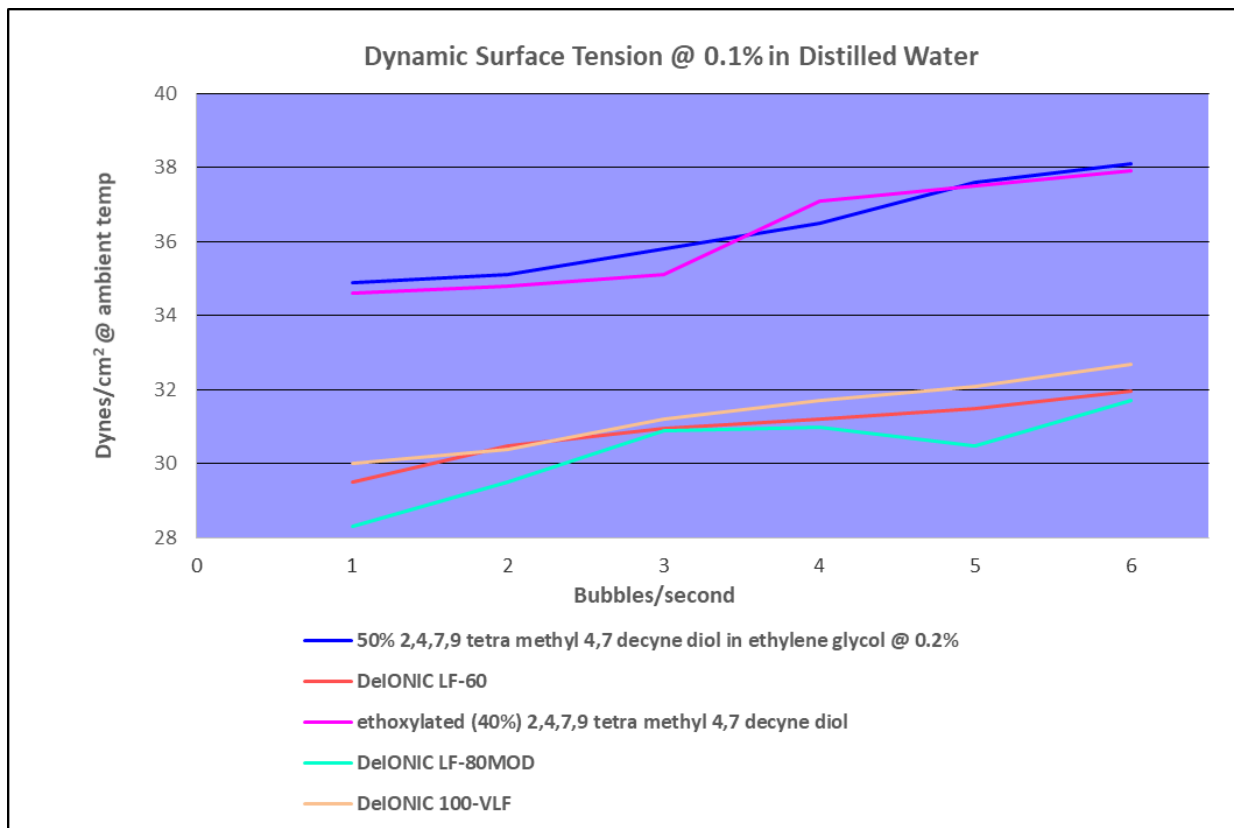
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## SURFACE TENSION PROPERTIES

The dynamic surface tension of **DeIONIC LF-60** was determined at 0.1% by weight in distilled water using a SensaDyne QC6000 Tensiometer.

The graph below compares our low HLB wetting agents to two acetylenic diols which are commonly used as low foam wetting agents.



Additional information on DeIONIC LF-80MOD and DeIONIC 100-VLF is available by request or at [www.deforestent.com](http://www.deforestent.com).