

## DeIONIC LF- 80MOD

**DeIONIC LF- 80MOD** is a unique, nonionic, modified alkoxyated alcohol delivering multifunctional characteristics including excellent dynamic surface tension reduction, wetting and very low foam. Properties are similar to DeIONIC LF-60MOD with the additional feature of being alkylphenol ethoxylate free.

### SPECIFICATIONS

Appearance @ 25°C:	Clear to hazy, almost colorless liquid
pH (10% in DI water):	4.0 - 8.0
Cloud Point (1% in DI water):	15°C - 21°C

**SOLUBILITY** DeIONIC LF-80MOD is soluble in water (below 15°C), alcohols, glycols and most solvents. Dispersible in water above 21°C. It is insoluble in most oils.

### TYPICAL PROPERTIES

VOC (typical)	0.37lb/gal – 44.2 g/L
HLB (calculated)	~1.6
% Activity	92%-94%
Density @ 25°C	~0.97 g/ml

- Low foam
- Excellent wetting
- Alkali and electrolyte stable
- Low VOC
- Detergency
- Low surface tension
- Alkylphenol free
- Acid stable

### APPLICATIONS

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

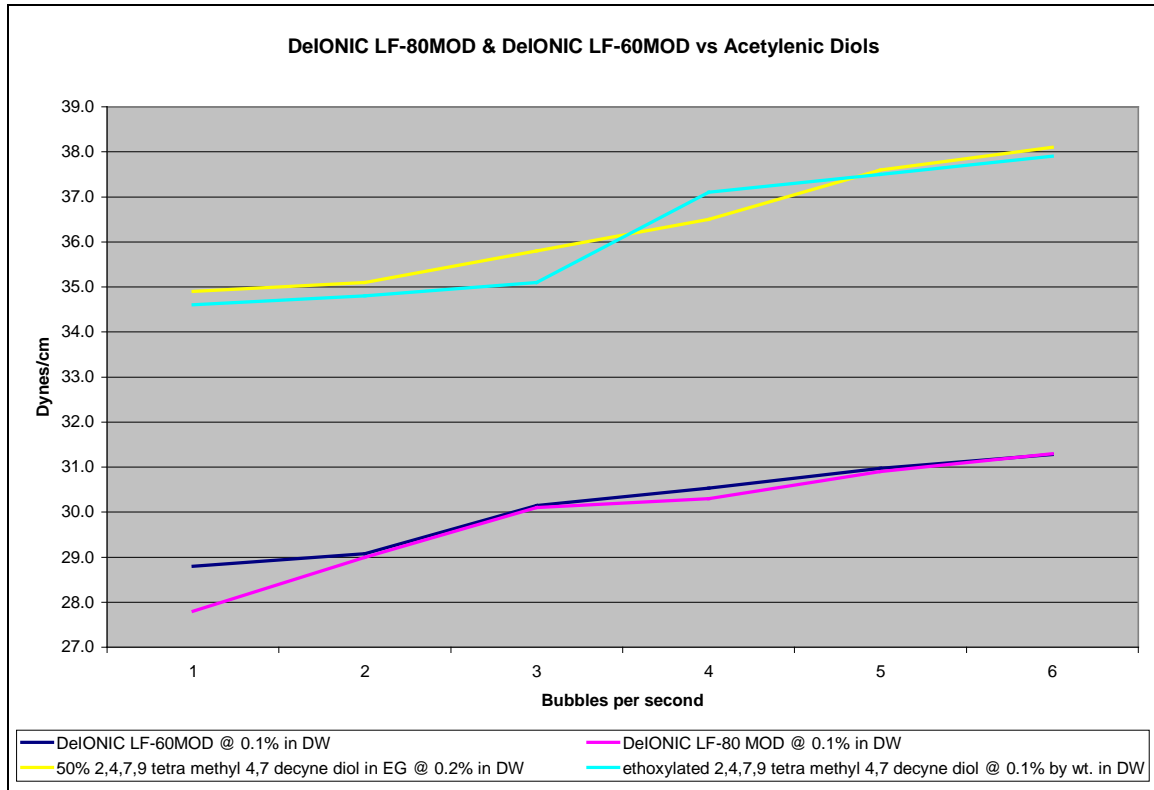
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## SURFACE TENSION PROPERTIES OF DeIONIC LF- 80MOD

The dynamic surface tension of DeIONIC LF-80MOD is shown below compared to DeIONIC LF-60MOD and two acetylenic diols.



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