



# PRODUCT DATA SHEET

## ECOPOL-400LMS

High Performance, Hydroxypropyl Guar Slurry

### DESCRIPTION

ECOPOL-400LMS is a high performance HPG that is slurried in an environmentally friendly mineral oil. ECOPOL-400LMS contains a very versatile polymer that hydrates well in waters with high amounts of electrolytes that might pose a problem for other polymers. The high quality and high purity of this product means that both lower polymer loadings can be achieved and fewer impurities are deposited downhole, both resulting in cleaner, higher permeability wells.

### PRODUCT FEATURES:

- **Builds high viscosity quickly**
- **Extra dispersibility for dry on-the-fly mixing without fisheyes**
- **Provides greater flexibility with chemical activators**
- **Cleaner polymer for less downhole residue resulting in greater permeability and more efficient production**
- **Generates very high activation viscosities so that less polymer can be used on the job and cleanup is improved**
- **Slurried in an environmentally friendly base oil that contains 0% BTEX (Benzene, Toluene, Ethylbenzene, Xylene)**
- **Ultra high regained permeability achieved when used with Economy Polymers' line of stimulation chemicals**

### PROPERTIES

Item	Specifications
Appearance	Yellow Liquid Slurry
pH of 1.0% solution	9.0 - 11.0
Slurry Viscosity	1200 – 2000cps (Brookfield RVDV)
Active Concentration	4.0 lbs/gallon
Density	8.76 lbs/gallon



P.O. Box 450246  
Houston, TX 77245-0246  
USA Toll free: (800) 231-2066  
Phone: (713) 723-8416  
Fax: (713) 723-1845  
URL: [www.EconomyPolymers.com](http://www.EconomyPolymers.com)  
E-mail: [economy@economypolymers.com](mailto:economy@economypolymers.com)



## **ECOPOL-400LMS**

**FANN 35 Viscosity, 40ppt gel, 2% KCl water, 3 Minute hydration, R1B1, 511s<sup>-1</sup>**

<b>3 Minutes</b>	<b>26<sub>+2</sub> cps</b>
<b>5 Minutes</b>	<b>30<sub>+2</sub> cps</b>
<b>30 Minutes</b>	<b>34<sub>+2</sub> cps</b>
<b>60 Minutes</b>	<b>36<sub>+2</sub> cps</b>

**Note: To hydrate this product, the pH must be lowered from 4.0-6.5. If the product is self-hydrating, the pH will adjust automatically.**

Please read and understand the Material Safety Data Sheet (MSDS) before using this product.

This information relates only to the specific material designated and may not be valid *for* such material used in combination with any other materials or in any process. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer any warranty against patent infringement.



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Fax: (713) 723-1845  
URL: [www.EconomyPolymers.com](http://www.EconomyPolymers.com)  
E-mail: [economy@economypolymers.com](mailto:economy@economypolymers.com)