



Cola[®]Mulse HP500

Cationic Emulsifier for Mineral Seal Oil

LISTINGS USA (TSCA), Canada (DSL), Australia (AICS), Korea (KECI), China (IECSC), Taiwan (NECI), New Zealand (NZIoC)

Cola[®]Mulse HP500 is a high performance cationic emulsifier for mineral seal oils. Its high versatility allows formulators to create spray drying agents for vehicle wash at concentrations from high active for reduced shipping costs to more economical versions at lower concentrations that still deliver efficient drying.

Tweaking ratios between mineral seal oil and Cola[®]Mulse HP500 help adjust beading and sheeting tendencies of drying agents toward optimized drying. It is very forgiving in formulations without the difficulty associated with making stable microemulsions.

PERFORMANCE ATTRIBUTES

- Non-flammable
- Substantive to surface
- Works with variety of mineral seal oils
- Versatile in creating drying agents in wide range of concentrations
- Give wide options in adjusting beading and sheeting tendencies in water breaking to achieve optimized drying
- Reduce windshield smearing and water spotting
- Improve shine and reduce static
- Easy to formulate with and no need for nonionic co-surfactants
- Reduces mineral seal oil usage while maintaining drying performance
- Reduce labor costs
- Freeze thaw stable

APPLICATIONS

- Car wash drying agents
- Wash and drying
- Clear coats and total body protectants
- Tricolor foamy waxes and conditioners
- Wheel and engine cleaning and shine

FORMULATIONS

The versatility of Cola[®]Mulse HP500 permits the formulation of both high and low concentration versions depending upon use needs and MSO.*

<i>LOWER CONCENTRATION</i>	%	%
Glycol Ether EB	10.95	10.95
Cola [®] Mulse HP500	11.43	13.34
Calumet [™] 600 (MSO)	7.62	—
Kensol [®] 61H (MSO)	—	5.71
H ₂ O	70.00	70.00

<i>HIGHER CONCENTRATION</i>	%	%
Glycol Ether EB	36.50	36.50
Cola [®] Mulse HP500	38.10	44.45
Calumet [™] 600 (MSO)	25.40	—
Kensol [®] 61H (MSO)	—	19.05

*Mineral Seal Oil: Calumet[™] 600, Conosol[®] 260, Ker-mac 600 and Kensol[®] 61H are recommended. Other brands may need minor adjustment on formulation.

SPECIFICATIONS

Appearance @ 25°C	Clear Amber Viscous Liquid
pH, 10% aqueous	7.0 – 8.5
Moisture, K.F. %	0.5 Max.
Active, %	98.0 Min.
Flash Point	>93°C Non-flammable

STORAGE / HANDLING

Shipped in poly 55-gal drums, net weight 450 lbs (204.1 kg). Shelf life is 12 months from manufacture date. A Safety Data Sheet is available at www.colonialchem.com.

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Innovative Specialty Surfactants