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EZ-MULZ™ 1465

Metal Processing

Natural bi-modal medium molecular weight sodium sulfonate

Application

EZ-Mulz 1465 is an oil-soluble medium molecular weight natural sodium sulfonate. It is suitable for emulsifying naphthenic and paraffinic oils.

Because EZ-Mulz 1465 has a bi-modal distribution of molecular weight, it provide both superior emulsification and corrosion protection compared to other natural or synthetic sodium sulfonates.

EZ-Mulz 1465 is a good wetting and dispersant agent for pigments.

Typical Properties

Test	Typical
Appearance	Dark brown, highly viscous liquid
Specific gravity at 15.6° C	1.03
Average molecular weight	465
Active content, wt. %	>60
Water, wt. %	4.5

Benefits

- Excellent emulsifier for most mineral oils with or without EP additives
- Superior corrosion protection compared to synthetic medium molecular weight sodium sulfonates
- Good wetting and dispersant agent

Typical Use Rates

EZ-Mulz 1465 should be used 1.0 to 10.0 wt. % of the finished soluble oil or semi-synthetic fluid. It is compatible with most mineral base oils, white oils and synthetic base stock.

Storage and Handling

Recommended Maximum Long Term Storage Temperature*	< 200° F
Recommended Minimum Temperature for Use	170 -180° F
Flash Point	172°C COC
Pour Point	Melting Point 33°C

*Do not store with excessive heat (>150° F) over long periods.



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