

Specifications for  
**PETRONATE® H Sodium Sulfonate**

PROPERTIES GUARANTEED	TEST METHOD	LIMITS
Sulfonate Content, wt%	ASTM D3712	61.0/63.0
Oil, wt %	ASTM D3712	31.0/35.0
Water, wt%	ASTM D95	4.0/5.0
Free Alkalinity, mg KOH/ gm	LATM 067	2.0 Max
ASTM Color, Dilute	ASTM D1500	5.0 max
Equivalent Weight	ASTM D3712	490/510
Density @ 20°C, Kg/m <sup>3</sup>	LATM 124	Report

**Product Description and Application:**

Petronate H is an all-natural medium molecular weight first intent sodium sulfonate. It is recommended for use in soluble oils and semi-synthetic fluids to impart all of the benefits of natural sodium sulfonate. Petronate H has better emulsibility properties compared to the high molecular weight all-natural sodium sulfonates and better corrosion protection characteristics compared to the low molecular weight all-natural sodium sulfonates. Nominal dosages would range from 1.0 to 10.0 wt. % of the finished soluble oil or semi-synthetic fluid. Petronate H is compatible with most mineral base oils, white oils, and synthetic base stocks.

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