

Product Data Sheet

PETRONATE[®] HL

Sodium Sulfonate

▪ Product Description

Petronate HL 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 and exhibits improved emulsion properties compared to commercially available synthetic products. Petronate HL also possesses the inherent corrosion protection characteristics expected from a medium molecular weight high quality sodium sulfonate. Nominal dosages would range from 1.0 to 10.0 wt. % of the finished soluble oil or semi-synthetic fluid. Petronate HL is compatible with most mineral base oils, white oils, and synthetic base stocks.

▪ Physical Properties

Properties	Unit	Test Method	Specification
Sulfonate Content	wt,%	ASTM D 3712	61 – 63
Oil Content	wt,%	ASTM D 3712	31 – 35
Inorganic Salts	wt,%	ASTM D 3712	Max. 1.0
Equivalent Weight		ASTM D 3712	445 - 465
Free Alkalinity,	mg KOH/g	SAM 154	Max. 2.0
Water	wt,%	ASTM D 1364	4.0 – 5.0
Colour, dilute		ASTM D 1500	Max. 5.0

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