

## Heavy Alkyl Benzene (HAB)

**Heavy Alkyl Benzene (HAB)** is a byproduct in the process of linear alkyl benzene (LAB) production. Due to its dielectric properties and high oxidation stability, it is widely used in the transformer oil industry, industrial lubricants, diesel fuel additives and hot oils for heat transfer and is also used in industrial detergents.

### Typical Properties;

TEST	Measuring Unit	Test Method	Standard Specification
Appearance			Clear / Liquid / Light Yellow
Saybolt Color	Saybolt	ASTM D-156	-16 Min.
ASTM Color	ASTM	ASTM D-156	max. 3.0
Specific Gravity, 15/4°C	gr/cm <sup>3</sup>	ASTM D-1298	0.858 - 0.898
DENSITY AT 20°C,	gr/cm <sup>3</sup>	ASTM D-4052	Max. 0,885
Refractive Index at 20°C		ASTM D-1218	1.480 - 1.500
Moisture	Wt. %	ASTM E-203	0.1 Max.
Flash Point	°C	ASTM D-93	170 Min.
Doctor Test		ASTM D-4952	Negative
Aniline Point	°C	ASTM D-611	50 Min.
Bromine No.		ASTM D-5776	3 Max.
Viscosity at 40 C	cst	ASTM D-445	15,5 - 36,5



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