

Supplier - SMART OIL  
**SmartEmul 1618**  
*Emulsifiers*  
*EO/PO C??C??Alcohol*

### Typical Properties

Appearance	Clear Transparent Liquid
Cloud Point °C	60 - 65
pH Value (1% Water Dilution)	5.5 - 7.5□
Std Packaging (NW / GW, Kg)	232.0 / 215.0

### Product Description

**SMARTEMUL 1618** is a nonionic surfactant that is made by reaction from C<sub>16</sub>C<sub>18</sub> Alcohol with ethylene oxide and propylene oxide, which is good for emulsifying different types of base stocks such as naphthenic, paraffinic or esters, PAOs and PAGs.

**SMARTEMUL 1618** exhibits HLB range of 8.0-10.0, that is good for using in formulations of soluble oils, semi-synthetic and fully-synthetic coolants.

**SMARTEMUL 1618** exhibits hard water stability and low foam characteristics that is suitable for machining of aluminum or magnesium alloys even under high pressure cooling.

**SMARTEMUL 1618** has detergency property that can keep the machine tools and lathes clean during machining, which is specially beneficial to the machining cast irons or aluminum alloys.

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