

Supplier - SMART OIL  
**SmartEmul 1630**  
*POE(5) C<sub>18</sub>Alcohol*  
*Emulsifiers*

### Typical Properties

Appearance	Clear Pale Yellow Liquid
Cloud Point °C	58 - 64
pH Value (1% Water Dilution)	5.5 - 7.5

### Product Description

**SMARTEMUL 1630** is an nonionic surfactant that is made by reaction from C<sub>18</sub> Alcohol with ethylene oxide, which is good for emulsifying different types of base stocks such as naphthenic, paraffinic or esters, PAO and PAGs.

**SMARTEMUL 1630** has HLB range from 7.9 that is good for using in formulations of soluble oil, semi-synthetic, fully-synthetic coolant.

**SMARTEMUL 1630** has hard water stability and low foam characteristics that is suitable for machining of aluminum or magnesium alloy even under high pressure cooling.

**SMARTEMUL 1630** has detergency property that can keep the machine tool and lathe clean during machining, which is special beneficial to the machining of cast iron or aluminum alloys.

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