



Mobilmet™ S-122

Mobil Industrial , United States

Water-Soluble Cutting Oil

Product Description

Mobilmet S-122 is a water-soluble, general-purpose cutting oil designed for moderate-duty cutting and metalworking operations. Mobilmet S-122 fluid is form with select base oils and fortified with soaps, sulfonates and coupling agents. It also contains stabilizers to control odor and provide long service life.

Features and Benefits

Mobilmet S-122 offers improved cooling with less smoke and reduced staining of ferrous and non-ferrous metals. It helps to create better finish and closer tolerances with fewer rejects. With proper use, tool life is increased between required regrinds resulting in lower maintenance costs and improved equipment uptime.

Applications

Mobilmet S-122 is recommended for a wide range of machining operations on both ferrous and non-ferrous metals.

- Cutting and grinding operations requiring water-soluble fluids
- Applications where enhanced cooling is desired
- Machining and grinding operations on both ferrous and non-ferrous metals
- Mobilmet S-122 is used where normal water hardness is 300 ppm

Properties and Specifications

Property	
Density @ 15.6 C, lb/USg, ASTM D1298	7.45
Pour Point, °C, ASTM D97	-20
Flash Point, Cleveland Open Cup, °C, ASTM D92	177

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.as>

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)

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