

ExxonMobil 763 Mobilmet 760 Series

Category : Fluid , Lubricant

Material Notes:

Mobilmet 760 Series are extra high performance oil based cutting oils. They are chlorine-free and are intended for severe cutting operations especially on difficult to machine steels. They are corrosive to copper and its alloys. In comparison with other leading premium cutting oils, Mobilmet 760 Series oils have demonstrated superior surface finish, extended tool life and control of built-up edge. Their light colour enables the work area to be seen at all times. Closer tolerances are consistently achieved. The oils are formulated to prevent the formation of oil mist in the vicinity of the machine tool, thus contributing to a safer and more pleasant working environment. With the benefit of comprehensive development testing using modern machining equipment, plus extensive customer evaluations, Mobilmet 760 Series products, have become the products of choice for many machine shops. Mobilmet 760 Series are recommended for severe cutting operations on normal and difficult to machine steels. Specific applications, by grade, include: Mobilmet 762 is particularly suitable for drilling, deep hole drilling (less than 20 mm diameter), threading, tapping, parting-off and automatic lathe operations on small work pieces; Mobilmet 763 is recommended for deep hole drilling (greater than 20 mm diameter), drilling, tapping, threading, milling, gear shaping, broaching, parting-off and automatic lathe operations; Mobilmet 766 is used for tapping, threading, milling, gear shaving and shaping, broaching, planing, parting-off and automatic lathe operations

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-763-Mobilmet-760-Series.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.870 g/cc	0.870 g/cc	15°C; ASTM D1298
Kinematic Viscosity at 40°C (104°F)	19 cSt	19 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	4.2 cSt	4.2 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Flash Point	180 °C	356 °F	ASTM D92

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