

AUTOMATELF FC 6



Metalworking



Neat oil suitable for grinding and honing operations on all metals.

DESCRIPTION

- **AUTOMATELF FC 6** is an extreme-pressure low viscosity neat oil specially developed for grinding and honing operations on all metals.

UTILISATIONS

- **AUTOMATELF FC 6** is above all chosen for abrasive material removal on steels, but it can also be used on non-ferrous metals, cast iron and aluminum alloys.
- **AUTOMATELF FC 6** is perfectly suitable for honing, superfinishing and grinding operations on bearing rings and can be used with abrasives like stones, diamond and grinding wheels.

ADVANTAGES

- **AUTOMATELF FC 6** is formulated from a mixture of highly fluid mineral hydrocracked oil together with additives which have been carefully selected and balanced to give optimum results:
 - light colour eases job supervision.
 - highly fluid oil allows outstanding cooling properties and chip draining.
 - oily, extreme-pressure and anti-wear properties.
 - high flash point.
- **AUTOMATELF FC 6** washes the honing stones and the workpiece surface and allows the metal and abrasive particles to settle out practically immediately so that they are not recycled in the spray circuit.
- **AUTOMATELF FC 6** is not concerned by the European legislation on V.O.C. (1999/13/EC directive).

TYPICAL CHARACTERISTICS	METHODS	UNITS	AUTOMATELF FC 6
Color			Clear
Density at 15 °C	ISO 12 185	kg/m ³	827
Kinematic viscosity at 40 °C	ISO 3104	mm ² /s	5.40
Cleveland flash point	ISO 2592	°C	> 130
Copper corrosion 3 h at 100°C	ISO 6247	rating	1b Max
Aniline point	ISO 2977	°C	> 90
Pour point	ISO 3016	°C	< - 15
Vapour pressure at 20 °C	Calculated	kPa	0.0001

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
11-02-2011 (supersedes 02-10-2007)
AUTOMATELF FC6
1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet conforming to the regulations in use in the E.C. is obtainable via your commercial adviser www.quick-fds.com.