



FUKKOL

Nourishment for
Your Machines

TECHNICAL DATA SHEET

K4-1 SEMI-SYNTHETIC CUTTING FLUID



Description:

High Hydromate K4-1 is a kind of semi - Polar pressure cooling liquid based on refined chemical oil and high efficient and environmentally friendly synthetic polar pressure additive, which is mixed with water to form a fluorescent green, transparent or translucent diluent. The high Hydromate K4-1 has high alkaline reserves, which can effectively prevent pH value decline and ensure the stability of diluent. This product contains a special combination of fungicides / fungicides, which prevents bacteria in use from decomposing diluents and prolonging the coolant life. The use of synthetic additives has greatly reduced the impact of environmental pollution.

Products Code	Packings	Capacity
I100153-4L	Can	4L
I100153-18L	Pail	18L
I100153-200L	Drum	200L

Purpose :

The specially formulated formulation of high Hydromate K4-1 can be applied to medium and non ferrous metals. Heavy duty machining, and widely used in all kinds of lathes, CNC machine tools (CNC machine tools) and FMC 's (flexible manufacturing system).

Performance characteristics :

- Ideal coolant for various metal processing operations, suitable for turning, milling and grinding processes.
- Super strong cooling and lubrication characteristics
- Good antirust
- Excellent stability - even in harsh environments, it can resist biodegradation.
- High resistance and effective prevention of waste oil pollution
- No phenols, nitrites, and phosphorus compounds.



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Typical physical properties

Appearance / Colour	Clear Fluorescent Green
@20°C, Specific Gravity	0.9~1.0
Appearance of 5% Emulsion	Pass
PH @ 5% Emulsion	9~10
Appearance of 5% Emulsion	Clear Fluorescent Green

Matters needing attention:

1. Pay attention to sealing and preserving oil products
2. The dilution water products should be added to the water
3. Regular maintenance