

# CORVETTE® KAMORTA WATER SOLUBLE CUTTING OIL

## DESCRIPTION:

CORVETTE KAMORTA is an advanced, multipurpose, and non-chlorinated soluble metalworking oil manufactured using an optimized mixture of emulsifiers, specialty corrosion inhibitors, antirust, and antioxidant additives which makes it suitable for use in metalworking fluid machines "ferrous & non-ferrous".

## APPLICATION:

CORVETTE KAMORTA is recommended for general machining operations of mild steels, malleable iron, aluminum, and its alloys, magnesium, and other non-ferrous metals at a treat rate of 3% up to 10% can be achieved with no staining of the metal surface.

Recommended treat rates in water for different metalworking applications are:

- Broaching (10-12%)
- Punching (3-5%)
- Forging (3-5%)
- Die casting (3-5%)
- Drawing (1-5%)
- Grinding (2-3%)
- Cutting (3-5%)
- Drilling (5%)
- Rolling (5%)

## BENEFITS:

- High lubricating properties and supports reliable operation.
- Excellent cooling properties.
- Excellent emulsion stability.
- Excellent rust and corrosion inhibition.

## SPECIFICATIONS:

SRPS ISO 6743-7;  
ISO L-MAA;

## Typical Physical Characteristics

CORVETTE KAMORTA	Unit	Method	Results
ISO Oil Type	-	ISO 6743-7	ISO L-MAA;
Kinematic Viscosity @40°C	cSt	ASTM D 445	>40.00
pH of 5% emulsion	-	-	7.0-9.0
Density @ 15°C	kg/l	ASTM D 1298	0.880-0.930
Flash Point (COC)	°C	ASTM D 92	>90
Pour Point	°C	ASTM D 97	-6

- These characteristics are typical of current production. Whilst future production will conform to CORVETTE specifications, variations in these characteristics may occur.
- For further guidance on Product Health & Safety refer to the appropriate CORVETTE Product Safety Data Sheet.
- Dispose of the used oil to an authorized collection point. Do not discharge into drains, soil, or water.



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