Product Data

CASTROL COOLEDGE BI

General Purpose Soluble Cutting Fluid

Description

Castrol Cooledge BI is a high quality milky type soluble oil of outstanding performance. This grade is a modern soluble cutting oil taking advantage of the new super emulsifiers now available. Produces, when mixed with water, rich opaque emulsions of marked stability offering prolonged service life.
Possesses pronounced anti-scumming and anti-corrosion characteristics coupled with good lubricating and wetting-out properties which greatly improve cooling at the working area.
Incorporates an effective biocide to combat bacterial degradation in coolant systems, extending considerably the emulsion life. Furthermore, it does not contain phenolic couplers. Possesses low odour level, appreciated by most operators, and easy to dispose of. In fact, **Castrol Cooledge BI** will fulfill all the requirements of discerning engineers.

Performance Benefits

Good emulsion stability and long coolant life.
Suitable for wide range of materials and operations.
High capacity to cope with tramp oil contamination.
Can be disposed through conversational method.

Recommended Applications & Dilution

Castrol Cooledge BI is recommended for most metal cutting operations and materials, ferrous and non-ferrous, where a high quality coolant is required.

General Machining	**4 - 6%**
Tapping & Threading	**5 - 10%**
Grinding	**3 - 4%**

Typical Characteristics

Appearance of Concentrate	Brown
Appearance of Emulsion	Milky
Density @ 20°C	0.935
pH of Emulsion @ 5%	10.0
Refractive Index	0.9

BP Singapore Pte Limited
1 HarbourFront Avenue
#02-01
Keppel Bay Tower
Singapore 098632
Tel.: +65 6371 8888
Fax: +65 6371 8801