

# MAK GRACUT ECO

## Premium quality Granite Cutting oil

MAK GRACUT ECO is a colourless and odourless product formulated from highly refined, severely hydro cracked base oils having negligible aromatic and sulfur content. It is specially developed for use in the hardest stone cutting processes. The oil is blended with high boiling base stock which helps in reducing the evaporative loss and thereby reducing the cutting fluid consumption. MAK GRACUT ECO reduces the friction and provides good lubricating properties thereby increasing the life of cutters. It does not cause or leave any deposits or stains on the cutters or marbles.

### Applications:

MAK GRACUT ECO is widely recommended for use in cutting of hard stones such as granite, marbles etc.

### Performance/ Benefits:

**Superb Visibility** – being colorless, provides better visibility of cutters and helps in effective control over cutting operation.

**Excellent Heat Dissipation** – provides excellent cooling and helps in excellent dissipation of heat generated during granite/marble cutting process.

**Excellent Flushing Characteristics** – the low viscosity of the oil helps in excellent flushing away of the fine pieces generated during the cutting process.

**Environment Friendly Product** – negligible aromatics and sulfur content of the oil makes the product environmental friendly.

**No Smoke Formation** – no smoke formation observed during the cutting process making it operator friendly.

**High Flash Point** – high flash point of the oil limits any risk of fire accidents.

**No Carbon Deposit** – no deposit formation over the cutters, belts and granite material.

**Strong Rust Protection** – offers excellent rust or corrosion resistance on cutters and machine parts.

**Low Odour and Toxicity** – low odor and toxicity due to low aromatic content offer added benefits to the operators.

**Non Corrosive** – non corrosive type neat cutting oil and does not cause any stains.

### Specification:

- Proprietary Grade

### Typical Physico-Chemical Data: MAK GRACUT ECO

Characteristics	Method	Value
Appearance	Visual	Clear & Bright
Density at 15 °C, g/cc	ASTM D1298	0.815
Kinematic Viscosity @40°C, cSt	ASTM D445	2.5
Flash Point, PMCC, °C	ASTM D93	90
Pour Point, °C	ASTM D97	-24
Copper Corrosion, 100°C, 3 hrs.	ASTM D130	1a

### Storage & Handling:

The product should be stored inside. Keep it properly sealed to avoid contamination. Avoid freezing. Shelf life is 3 yrs. under protected storage conditions.

### Health & Safety:

This oil is unlikely to be hazardous when properly used in recommended applications. Contamination of the coolant from other oils, greases, chemicals, dirty water etc. can occur during the use. It should be avoided. Regular monitoring of the in-use product is recommended.