

**HOUGHTON ITALIA S.p.A.**



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# HOUGHTO-QUENCH K/166

## FASTEST QUENCHING OIL

HOUGHTO-QUENCH K/166 is a selected mineral oil solvent refined based fluid and with a reduced distillation range.

HOUGHTO-QUENCH K/166 is formulated with antioxidant additives allowing high resistance to wear and uniform performances in hard working conditions.

### CHEMICAL-PHYSICAL CHARACTERISTICS

Appearance	Limpid liquid
Viscosity at 40°C	16-20 cSt
Specific gravity at 15.5°C	0.870
Flash point	190°C
Temperature of exercise	30–80°C
GM speed	15"

### APPLICATIONS

HOUGHTO-QUENCH K/166 is particularly suitable for the quenching of small pieces in case-hardening steel and when material characteristics require high quenching performances.

Additives contained in HOUGHTO-QUENCH K/166 reduce the life of the steam jacket favouring an high cooling speed in the first quenching phase as well as maximum resistance to oxidation and stability to thermic changes.

HOUGHTO-QUENCH K/166 is also available in the washable version [HOUGHTO-QUENCH K/166/E] without varying its excellent quenching characteristics. With the use of this product, the degreasing operations are made easier, in fact pieces are ready clean only by washing in water.

### DEGREASING OPERATIONS

HOUGHTO-QUENCH 140 can be removed from treated parts by using traditional degreasing agents [HOUGHTON ITALIA recommends CERFAKLEEN 3550 and CERFAKLEEN 5380].

### STORAGE

Water contamination can cause problems such as distortions and breaking of the components as well as increasing fire hazards. Drums must be hermetically closed and stored indoor, while containers must be waterproof

### PACKAGING

HOUGHTO-QUENCH 140 is supplied in 200 kilos drums and/or in bulk.

### SAFETY MEASURES

HOUGHTO-QUENCH 140 is formulated with mineral oil. It does not contain toxic and/or harmful materials and does not require particular care during handling, except for normal attention due to industrial products.

### WASTE TREATMENT

HOUGHTO-QUENCH 140 cannot be directly discharged. Follow national or local instructions.

### APPROVAL : DR D.PETTA

The information contained in this product data sheet must not be considered as a specification, warranty, or as possible suggestions to infringe any patent.