

HOUGHTON ITALIA S.p.A.



Direzione - Sezione Amministrativa
Ufficio Vendite-Acquisti
16162 Genova - Bolzaneto
Via Pastorino 38
Tel. +39-010-726.41.1
Telefax +39-010- 745.00.55

Produzione - Sezione Marketing
Tecnica - Ricerca
16161 Genova - Teglia
Via F.lli Bronzetti 22
Tel. +39-010-741.02.1
Telefax +39-010- 740.73.75

VACUQUENCH SERIES

BRIGHT HARDENING SPECIAL FLUIDS

VACUQUENCH Series fluids are based on selected solvent refined mineral oils with restricted distillation range.

CHEMICAL - PHYSICAL CHARACTERISTICS

	VACUQUENCH FV 44	VACUQUENCH 605
Aspect	Clear liquid	Clear liquid
Viscosity at 40°C	20-25 cSt	58 cSt
Specific Weight at 15,5°C	0.85-0.86	0,865
Flash Point	190°C	240°C
Working Temperature	30°C-70°C	50°C-100°C

VACUQUENCH fluids are formulated to allow good evaporation resistance, low gas absorption and high cleaning of the pieces treated.

APPLICATIONS

The vacuum treatment is extremely severe with products used for this purpose. VACUQUENCH Series fluids have been formulated to satisfy these requirements and according to manufacturers of vacuum equipments.

VACUQUENCH FV 44 is a quenching oil for general purposes. It is suitable for use in vacuum furnaces to ensure consistent production.

VACUQUENCH 605 is suggested for steel quenching of bearings, tools and high-speed steels, in case that due to the size, these last should be not enough suitable to gas quenching.

CLEANING

VACUQUENCH Series fluids can be removed from components after quenching by use of traditional cleaners such as our CERFAKLEEN 3550 and CERFAKLEN 5380.

HOUGHTON ITALIA S.p.A.

STORAGE

Contamination of quenching oils with water can produce problems such as soft spots, distortion, cracking of components and increased fire hazards. Drums and barrels should therefore be kept tightly sealed and bulk storage tanks designed to prevent water flow.

The products maintain their chemical-physical characteristics if stored in a sheltered place and at temperatures ranging $-5^{\circ}\div+40^{\circ}\text{C}$ for a maximum period of 12 months.

PACKAGING

VACUQUENCH Series fluids are available in 180 kilos drums or in bulk storage tanks.

HEALTH & SAFETY

VACUQUENCH Series are formulated with mineral oil and do not contain toxic and/or harmful materials. It is not required particular care during handling, except for normal attention due to industrial products.

WASTE TREATMENT

VACUQUENCH Series fluids cannot be directly discharged. Follow national or local instructions.

C-04 APPROVAL D.PETTA
