

DRASTA C 7000



Metalworking



Cold quenching oil highly accelerated.

UTILISATIONS

- Highly accelerated quenching oil intended for the processing of steels having a low hardening capacity : custom heat treatment, screws and bolts, small mechanical components.
- Utilisation temperature : 30°C to 80°C can be used in all types of furnaces with separate or built-in tanks (please contact TOTAL for details of use at higher temperatures).

ADVANTAGES

- Excellent resistance to oxidation and thermal changes owing to:
 - the use of solvent-refined base oils,
 - the presence of efficient and durable antioxidant additives which give long bath life.
- High flash point to ensure risk-free operation in the utilisation temperature range.
- Low volatility limits evaporation loss and the formation of vapours and fumes.
- Effective, durable cooling powers guarantee mechanical properties achieved after quenching (hardness, depth of hardness).
- Low fluidity at the temperature of use reduces loss by entrainment, resulting in product savings.
- Good antifoam properties which are essential on account of the high swirling of oil in the hardening tanks.
- Excellent parts quality after hardening.
- Outstanding rate of cooling at high temperature combined with exceptional wetting power.

TYPICAL CHARACTERISTICS	METHODS	UNITS	DRASTA C 7000
Density at 15°C	ISO 3675	kg/m ³	886
Colour	Visual	-	3/3.5
Viscosity at 40°C	ISO 3104	mm ² /s	23
Viscosity at 100°C	ISO 3104	mm ² /s	4
Cleveland flash point	ISO 2592	°C	200
Neutralization index (colorimetric acidity)	ISO 6618	mgKOH/g	0.5

Above characteristics are mean values given as an information.