



OEST COLOMETA

OEST COLOMETA ecoT 623

Description

Water miscible coolant for metal cutting processes on individual machine tools as well as centralized systems. Good washing action ensures safe chip removal, perfect cooling and a clean working area and machine tools.

- semi-synthetic
- very stable emulsion
- free from Boron, Biocides, MEA & critical Amines

Application

Universally applicable for severe cutting operations like turning, milling, drilling, deep drilling, threading, a.m.m.

Universally applicable for steels, yellow and light metals, particularly also for sensitive Aluminium alloys.

Processes

turning	milling	drilling	deep drilling	threading tapping	broaching	surface grinding	centerless grinding	profile grinding

preferred

qualified

Materials

steels	cast iron	stainless steel	aluminium	yellow metals	titanium	carbide	glass ceramics

preferred

qualified

Benefits

- ☺ low foaming
- ☺ extraordinary high lubricity & cutting performance
- ☺ high washing action, clean machine tools
- ☺ very stable emulsion
- ☺ most modern formulation for best protection of men and environment



OEST COLOMETA ecoT 623 - DATA

Technical Data

Density (20°C)	0,986 g/cm ³
Kinematic viscosity (20°C)	155 mm ² /s
Corr.protection GG25	5% no corrosion
pH (5%)	9,5

Mixing recommendation

Manual mixing always by pouring concentrate into water (drinking quality) while stirring.

Easy to mix by automatic mixing device COLO MIX.

Recommended concentration:

Minimum:	4 %
Centerless grinding:	4 - 5 %
Cutting:	5 - 15 %

Concentration control:

By refractometer: measurement °Brix x F_{refr} = Vol-%
F_{refr} = 1,5

Suitable for water hardness [°gH]:

0	2-5	6-10	11-20	21-40	41-60	preferred	
						qualified	

HSE

Health & Safety:

Lubricants for metalworking and -treatment may contain hazardous ingredients.
For detailed information, see the MSDS.

Water hazard class (german regulation): 1 (slightly hazardous)

Transport & Storage

Storage temperature + 5 °C ... + 35°C.

Durability 12 months in closed packaging at recommended conditions.

OEST COLOMETA