

EMULGOL DS 30

GENERAL FEATURES:

Emulgol DS. 30 emulsifying oil is manufactured basing on highly refined mineral oil, non-ionic emulsifiers, anion emulsifiers and corrosion inhibitors.
Concentrated Emulgol DS. 30 does not content: nitrites, chlorine, heavy metals and phenols.
Emulgol DS 30 emulsions should be made with 15°N water.

APPLICATION:

Emulgol DS 30 oil in form of water based cooling and lubricating emulsion is applied in machining of steel, cast iron and non-ferrous metals.
Recommended concentration (with water of hardness of 15°N):

- grinding 3-5%,
- turning, milling, drilling, reaming - 5-10%,
- threading - 10-15%

STANDARDS, APPROVALS. SPECIFICATION:

Polish National Institute of Hygiene (PZH) approval

PARAMETERS	UNIT	TYPICAL VALUES
Appearance at 20°C	-	Homogenous, limpid, amber colour fluid
Flow temperature	°C	-15
Kinematic viscosity at. 40°C	mm ² /s	28.5
5% emulsion in 15°C water:		



Appearance at 20°C	-	Milk emulsion
Corrosiveness to steel, Herbert test	-	H0
pH	-	9.2
Refractometric factor at 20°C	-	1.45

NOTE:
Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

