

## MILTRON AM 46

Viscosity grad: ISO VG: 46

### GENERAL FEATURES:

Miltron AM 46 is a high-quality ash-free multi-purpose machining and recycling oil, developed based on high-quality, hydrofined mineral base oils. It contains optimally matched innovative ash-free enhancement additives, such as antioxidants, corrosion inhibitors, non-ferrous metal passivators as well as EP and AW additives. It is characterized by:

- excellent resistance to oxidation
- excellent anti-corrosion properties
- excellent anti-wear and anti-seizure properties
- excellent resistance to emulsification and foaming
- weak tendency to oil mist formation
- contains no zinc, boron and chlorine compounds
- provides tools with ultimate protection against wear
- provides excellent lubrication for gears

### APPLICATION:

Miltron AM 46 multi-purpose machining and recycling oil is intended for lubricating and cooling tools used in machining processes (drilling, threading, turning). It is also suitable for use as a recycle oil. With its innovative technology, the oil can be safely used in hydraulic systems and gears in machining equipment.

### STANDARDS, APPROVALS. SPECIFICATION:

DIN 51524 Part 2 HLP  
DIN 51517 Part 3 CLP



## Physical and chemical properties:

PARAMETERS	UNIT	TYPICAL VALUES
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	43,4
Viscosity index	-	100
Flow temperature	°C	-18
Flash point	°C	220
Foamability 1st sequence 2nd sequence 3rd sequence	ml/ml	10/0 10/0 10/0
Lubrication properties: Weld load	kG	250

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

