

# Product Information

Lubricants for human, machines and environment



## WISURA DMO 2003

### High performance cutting and broaching oil

**WISURA DMO 2003** gives extraordinary performance and is the result of many years of wide-ranging experience. Tackles the most problematic jobs with ease, such as severe machining processes, cuttability of many materials and extreme production conditions.

#### Composition

**WISURA DMO 2003** is manufactured using a special process and consists of particular base oils. Moreover it contains high proportions of various additives such as sulphur compounds, polar additives, special anti-wear, anti-ageing and corrosion protection additives.

**WISURA DMO 2003** contains no chlorine or heavy metals. The oil is light in colour, with low volatility, low-odour, extremely skin compatible and neither foams nor forms-excessive oil mist even in unfavourable operating conditions.

#### Areas of application

**WISURA DMO 2003** is suited to all metal-cutting processes, even the most difficult, and for extremely difficult to cut materials. It performs particularly well with thread cutting and tapping, in the area of gear wheel production (gear hobbing and gear shaping) and is also very effective for milling and punching. Another application area is the press-polishing of crankshafts bearing carriers.

**WISURA DMO 2003** ensures excellent tool life, outstanding surface finish and extreme dimensional accuracy.

#### Analytical data

		WISURA DMO 2003	
Density at 15°C	g/ml	0,853	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	8,5	DIN 51 562
Flash point	°C	170	DIN ISO 2592
Sulphur		yes	
Chlorine		none	
Heavy metals		none	
Copper corrosion	Corrosion level	1 – 100 A 3	DIN 51 759
Colour		light yellow	

#### DMO 2003 - engl - Die 04/13

The information contained herein is based on the best of our knowledge and development work and represents the current state-of-the-art. We reserve the right to make any changes without prior notice. All references to DIN standards are for product description purposes only and do not represent any form of guarantee. When problems arise, please request expert advice.

