cutting oil-Nr.4+NON FERROUS





coolant lubricants

applications - materials		
N1.1	Aluminium wrought alloys	<= 200 N/mm²
N1.2	Aluminium wrought alloys	<= 350 N/mm²
N1.3	Aluminium wrought alloys	<= 550 N/mm²
N1.4	Aluminium cast alloys	Si <= 7%
N1.5	Aluminium cast alloys	7% < Si <= 12%
N1.6	Aluminium cast alloys	12% < Si <= 17%
N2.1	Pure copper, low-alloyed copper	<= 400 N/mm²
N2.2	Copper-zinc alloys (brass, long-chipping)	<= 550 N/mm²
N2.3	Copper-zinc alloys (brass, short-chipping)	<= 550 N/mm²
N2.4	Copper-aluminium alloys (alu bronze, long-chipping)	<= 800 N/mm²
N2.5	Copper-tin alloys (tin bronze, long-chipping)	<= 700 N/mm²
N2.6	Copper-tin alloys (tin bronze, short-chipping)	<= 400 N/mm²
N2.7	Special copper alloys	<= 600 N/mm²
N2.8	Special copper alloys	<= 1400 N/mm²
N3.1	Magnesium wrought alloys	<= 500 N/mm²
N3.2	Magnesium cast alloys	<= 500 N/mm²
N4.1	Duroplastics (short-chipping)	
N4.2	Thermoplastics (long-chipping)	
N4.3	Fibre-reinforced synthetics (fibre content <= 30%)	
N4.4	Fibre-reinforced synthetics (fibre content > 30%)	
N5.1	Graphite	
N5.2	Tungsten-copper alloys	
N5.3	Composite materials	

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