

## Product Data Sheet

# MAK NORCAM

Grade: B, C, E, G & 22

### DESCRIPTION

These are a range of highly refined transparent, inactive cutting oils with extreme pressure properties. These cutting oils are specially developed for wide range of machining operations. They are blended from highly refined high viscosity index mineral oils and carefully selected additives.

### APPLICATIONS

These oils are used for machining yellow metals. Suitable for less severe classes of machining on ferrous metals and are excellent for automatic lathes, screw cutting machines etc.

MAK NORCAM 22 has special chlorinated EP additives and is designed as multipurpose neat cutting oil.

NORCAM C is approved by DGQA meeting ZX-6 requirements.

MAK NORCAM E & G oils are recommended for use in wide range of machining operations on medium machinability metals and also for severe operations on certain highly machinable

### PERFORMANCE BENEFITS

- MAK NORCAM E & G are blended with a combination of specially selected extreme pressure additive which provides excellent protection over wide range of load, speed and operating temperatures
- Being lighter in colour, these oils enable better visibility to the operator
- Oiliness additives improve the surface adherence properties

### PERFORMANCE LEVEL

- Proprietary grade

Characteristics	IS 1448	Typical Figures				
		B	C	E	G	22
Appearance	--	Clear fluid	Clear fluid	Clear fluid	Clear fluid	Clear fluid
Density at 15°C	P:16	0.9096	0.9091	0.8640	0.8781	0.9194
K.V at 40° C, cSt	P:25	20.1	34.7	13.33	32	21.54
Copper corrosion @ 100° C, for 3 hrs.	P:15	1b	1b	1a	1b	1b
Flash Point, (PMCC), °C	P:69	160	170	180	226	170

### Health and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet may be referred.

**Bharat Petroleum Corporation Ltd.**

Technical Services

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