



PRODUCT DATA SHEET

NMX BLAZCUT ST SERIES- ST-100, ST-200, ST-300-(NEAT CUTTING OIL)

DESCRIPTION & APPLICATION:

BLAZCUT ST Series are high performance neat cutting fluids, designed for a wide range of applications. The product meet the highest demands of operating, cutting conditions, tools & work piece materials. Each of these products differ in their viscosity & other characteristics etc. to cover a wide range of applications. These products offer stable oil film, excellent heat dissipation, EP properties & improved surface finish.

BLAZCUT ST-100 & 200 - Non-staining type neat cutting oils containing chlorinated EP additives. These products are recommended for machining operation on mild steel, carbon steel, nickel steel and manganese steel such as thread grinding, form grinding, milling, honing & lapping etc.

BLAZCUT ST-300 - Non-staining type sulphurised fatty oil based neat cutting oil which covers a wide range of machining operations, aids in obtaining good surface finish & protects tool from excessive wear. Recommended for application in high speed automatic machine tools & multispindle lathes where operations like turning, honing etc. are performed. It is also suitable for application as general purpose machine tool lubricant.

Performance Level

They meet performance specifications as per IS:3065: 1985,
Type I Grade II.

SPECIFICATION:

PROPERTIES	TYPICAL VALUES		
	ST-100	ST-200	ST-300
TYPE			
Appearance	Clear & bright Amber		
Kinematic Viscosity, cSt @ 40°C	5-8	15-25	15-25
Flash Point, COC, °C min	180	190	190
Copper corrosion at 100 °C for 3 hrs.	1a	1a	1a
Pour point, °C, max.	-6	-3	-3

*The specifications are subject to variations/ development / customization.

PACKING: 26L, 50L, 55L, 210L

*Due to continual product research and development, the information contained herein is subject to change without notice.