



LUBRICANTS™

POWER TO PERFORM™

HP TRIMOFIN 14, 15, 16, 18 NEAT CUTTING FLUIDS

DESCRIPTION

Oiliness type straight cutting oils. Blends of refined mineral oils and additives improve wetting characteristics. These oils are of non-staining type.

MEETS SPECIFICATIONS

Trimofin 18 meets IS 3065 type 1 grade 2

APPLICATION AREAS

These oils are suitable for machining nonferrous metals and light machining and free cutting of steels. Trimofin 14 & 15 are light coloured low viscosity oils recommended for machining of all metals except titanium. These oils are specially designed for honing applications. Trimofin 16 & 18 have higher viscosity and superior wettability. Trimofin 18 is acceptable for drawing of non-ferrous rods and tubing as well.

PHYSICO-CHEMICAL PROPERTIES

PROPERTIES	TYPICAL VALUES			
	TRIMOFIN 14	TRIMOFIN 15	TRIMOFIN 16	TRIMOFIN 18
Kinematic Viscosity, cSt @ 40°C	2.2 - 8.4	3.0 - 9.0	20.1 - 24.8	20.1 - 24.8
Flash Point, (COC) , °C, Min	110	110	160	150 (PMCC)
Copper Strip Corrosion 3 Hr @ 100°C, (ASTM), Max				
Saponification Number mg KOH/gm	6.0 - 8.5	6.0 - 8.5	9.0 - 10.5	18 - 21
Acidity Organic, mg KOH /gm Oil, Max	-	-	0.1	0.2

PERFORMANCE BENEFITS

- Excellent cooling
- Excellent chip flushing properties
- High wettability to provide maximum lubricity
- Increased tool life