

METAL WORKING LUBRICANTS

SMOOTHKUT SO 7100

Smoothkut SO 7100 is a high performance Water Soluble Metal Working Fluid, compatible with ferrous alloys, aluminum alloys, copper and yellow metal alloys, oil resistant plastics and other non-metallic materials. Suitable for low to high hardness waters typically 50 to 800 ppm of salts. Product suited for high and low pressures CNC systems.

Applications

General Machining, Threading, Deep Drilling Operation, Reaming, Grinding.

SMOOTHKUT SS 5100

Smoothkut SS 5100 is a high performance Semi Synthetic Metal Working Fluid, compatible with cast Iron, stainless steels, ferrous alloys, oil resistant polymers and other composites. It is suitable for low to high hardness water quality typically 50 to 1000 ppm of calcium carbonates. Product designed for low and high pressure CNC systems.

Applications

General Machining, Deep Drilling & boring Operations, Tapping, Reaming, Grinding.

SMOOTHKUT SS 5200

Smoothkut SS 5200 is a high performance Semi Synthetic High Oil Metal Working Fluid, compatible with wide range of materials like ferrous and ferrous alloys, high tensile and high hardness difficult to machine alloys, aluminum alloys, copper and yellow metal alloys, oil resistant plastics and composites. Readily forms a milky stable emulsion with varying water qualities. Avoid water with high chloride content i.e. above 50 ppm & high calcium or magnesium contents exceeding 500 ppm.

Applications

Sawing, milling, drilling, turning and other chip forming operations. Grinding operations like surface grinding, cylindrical and centerless grinding.

SMOOTHKUT SS 5300 AL

Smoothkut SS 5300 – AL is a high performance Semi Synthetic Metal Working Fluid for Aluminium Machining. It is compatible with most ferrous alloys, aluminium, aerospace and automotive grades of aluminium alloys, oil resistant polymers and other non metallic materials. Suitable for low to high hardness water quality typically 50 to 400 ppm of calcium carbonates. Product designed for low and high pressure CNC systems.

Applications

General Machining, Deep Drilling & boring Operations, Thread Cutting & forming, Reaming including mapal reaming, Grinding.

SMOOTHKUT FS 6100

Smoothkut FS 6100 is a high performance Synthetic long life water based grinding fluid. It is compatible with all Ferrous materials including stainless steels, non-ferrous inconel and high alloys, aluminum, Brass and Copper. It is suitable for low to high hardness waters typically 50 to 400 ppm of salts. Product well suited for high and low water pressure CNC systems.

Applications

Grinding, Centerless grinding, Other applications include drilling, broaching and milling.



To choose the MOLYGRAPH® Product adapted to your requirements, do not hesitate to consult us

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