

AGIP ASTER A



AGIP ASTER represent a new generation of chlorine-free complete line of metal-cutting oils available in many grades differing in viscosity and in type and quantity of additives. AGIP ASTER A series oil are chlorine free cutting oils compounded with active sulphur, fat and additives to provide longer tool life and consistent surface finish .

PERFORMANCE STANDARDS : BIS : 3065 – 1985
NEAT TYPE 3

CHARACTERISTICS (TYPICAL FIGURES)

ASTER		A 10	A 20	A 35
Viscosity at 40°C	mm ² /s	10	19.8	35.6
Flash Point COC	°C	160	188	220
Pour Point	°C	-9	- 3	-3
Copper Strip Corrosion at 100 °C for 3 hours	-	Staining	Staining	Staining
Four Ball Weld load,	kg	800	800	800
Density at 29.5°C	gm/cc	0.82	0.847	0.868

NOTE

It is good practice to avoid contamination by water or aqueous solutions. Do not mix these products with chlorinated oils.

PROPERTIES AND PERFORMANCE

- Longer cutting tool life
- Best results over a broad field of applications.
- Good rust protection of work piece and machinery.
- Superior lubricity and wetting properties of the cutting oil imparts improved surface finish
- The characteristics of all grades remain unaltered during operation; they do not easily form mists nor do they cause smoke or bad smells.
- The AGIP ASTER line is formulated from severely solvent-refined mineral base stocks so as to ensure healthy working conditions.

APPLICATIONS

These oils are recommended for recommended for severe metal cutting operations of ferrous, high alloy and medium tensile steel operations, including gear cutting, broaching and threading. These oils provide a lubricating film which resists cutting stresses.

NOTE

Final choice of product depends on cutting parameters. The Technical Assistance Service is available for all necessary information and clarification.