

AGIP ASTER NS



AGIP ASTER NS series are in-active sulphur base heavy duty neat cutting oils with good boundary lubricating additives to meet the desired machining requirements . They are used for machining of Ferrous and Non Ferrous alloys

PERFORMANCE STANDARDS : BIS : 3065 – 1985
NEAT TYPE 2 – Non Staining

CHARACTERISTICS (TYPICAL FIGURES)

ASTER		NS 20	NS 35
Viscosity at 40°C	mm ² /s	21	35
Flash Point COC	°C	188	222
Pour Point	°C	- 3	-3
Copper Strip Corrosion	-	1b	1b
Four Ball Weld load,	kg	500	500
Density at 29.5°C	gm/cc	0.847	0.867

NOTE

It is good practice to avoid contamination by water or aqueous solutions.

PROPERTIES AND PERFORMANCE

- Longer cutting tool life
- Best results over a broad field of applications.
- Good rust protection of work piece and machinery.
- The inactive sulphur base avoids staining
- The special additives helps in avoiding metal seizure thereby enhancing the tool life and productivity
- Excellent anti-wear and load carrying capacity to extend the tool life
- The AGIP ASTER line is formulated from severely solvent-refined mineral base stocks so as to ensure healthy working conditions.

APPLICATIONS

ASTER NS is recommended for machining operations on non-ferrous metals and also for operations like gear hobbing, gear shaving, screw cutting, tapping, milling, reaming etc. ASTER NS 20 is recommended for gun drilling operations and is found to be particularly useful on pull-honing machines.

ASTER NS 35 is recommended for severe metal cutting operations including gear cutting, broaching and threading of alloy and stainless steel.

NOTE

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