



Product Bulletin

Aerostar

Aerostar is a semi-synthetic machining and grinding fluid which combines the benefits of an oil based fluid with those of synthetic formulations. Like synthetics, it provides a clear view of the work and clean machines yet it contains oil to provide maximum boundary lubrication and rust protection. This low foaming fluid is the ideal choice when a variety of operations demand versatility in a fluid.

Features and Benefits

- Low foaming for maximum cooling
- Rejects tramp oil for long life
- Rust preventive film is oily and non tacky
- Contains no phenols, nitrites or heavy metals.
- Settles fines quickly to keep machines and work piece clean
- Low pH minimizes hazard for workers handling parts
- Contains a biocide to reduce odors and prolong sump life

Typical Properties

Appearance	Amber liquid
Bulk Density	8.40 lbs/gal
Specific Gravity	1.02 @ 70°F
pH (@ 5% by volume)	9.4
Flash Point	None to boiling

Application Procedure

Aerostar should be used between 3 and 10 % by volume in central systems or individual sumps depending on lubricity required. Systems should be thoroughly cleaned and sanitized prior to charging. The concentration can be determined by refractometer using a factor of 3.0 or by titration with mild acid. Consult Material Safety Data Sheet for a complete description of proper handling procedures.