



ATLANTIC NEAT CUTTING OIL 5

DESCRIPTION

ATLANTIC NEAT CUTTING OILS are high performance mineral-oil-type, non-staining cutting oils. They contain a balanced selection of additives that maximizes performance. They meet the anti-weld and lubricity requirements of moderate machining operations on most alloys. These cutting oils do not stain either ferrous or nonferrous metals during cutting operations and, likewise, will not stain after machining.

ATLANTIC NEAT CUTTING OIL 5 is primarily a dual- or tri-purpose cutting oil for automatic screw machine shops. It may be used as a cutting oil and/or a lubricating oil. It offers high lubricity and maximum cooling on hard, clean-cutting metals. This makes it especially suitable for high surface speed machining of screw stocks, aluminum, and brass. It also can be used for the general machining of nickel-tin-bronze alloys and the free-machining of steels, as well as for severe cutting operations of difficult-to-machine non-ferrous alloys, including silicon-copper, silicon-bronze, and copper-nickel.

APPLICATIONS

ATLANTIC NEAT CUTTING OIL 5 is primarily a cutting oil for automatic screw machine shops. It may be used as a cutting oil and/or a lubricating oil. It is especially suitable for high surface speed machining of screw stocks, aluminum, and brass. It also can be used for the general machining of nickel-tin-bronze alloys and the free-machining of steels, as well as for severe cutting operations of difficult-to-machine non-ferrous alloys, including silicon-copper, silicon-bronze, and copper-nickel.

PERFORMANCE FEATURES AND BENEFITS

- Excellent machining capability
- Multipurpose applications
- Less misting tendency

TYPICAL TECHNICAL PROPERTIES

PRODUCT CODE:	IL-MWF-01-25002
PRODUCT NAME	NCO-5
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	26.06
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	5.0
Viscosity Index, ASTM D2270	119
Total Sulphur, ASTM D 2622, wt-%	0.537
Active Sulphur, ASTM D 1662, wt-%	Nil
Copper Strip Corrosion, ASTM D 130, 3 hrs @ 100° C, max	1B

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.

ATL/PDS/MWF/0012-12651MWF /01*, 10.05.25, Page 1/1
* supersedes all previous versions

Packing: 4L, 5L, 18L, 20L, 25L, 200L, 205L, 208L, 210L