MAXIM™ METALWORKING DATAFILE

MAXUS NXT
PREMIUM METALWORKING FLUID

MAXUS NXT is a new water extendible, cutting and grinding fluid and is part of our new MAXUS group of metalworking lubricants. MAXUS NXT provides exceptional E.P. performance characteristics in a variety of machine operations on both ferrous and non-ferrous materials. NXT is not formulated using chlorine, silicon or DEA. NXT operates cleaner in machine tools and has earned very high marks in operator acceptance.

MAXUS NXT, when mixed with water, forms a water-thin semi- transparent emulsion that exhibits excellent cooling properties for superior finishes and increased tool life. MAXUS NXT is recommended for use in operations involving the most difficult to machine alloys including stainless, titanium and high nickel steels. The opaque emulsion is easy to mix in both soft and hard water.

MAXUS NXT remains highly transparent to afford the machine operator full view of the work. The effective biostatic system formulated into the MAXUS NXT yields a higher resistance to microbial degradation and rancidity than conventional soluble oils; this allows for longer coolant life in machine sumps and central coolant systems without special maintenance procedures.

MAXUS NXT provides complete protection for machine surfaces and parts in process. MAXUS NXT also contains an inhibitor to prevent galvanic corrosion between stacked parts. This feature makes the NXT well suited for the machining of copper and its alloys as well as a variety of machine operations on aluminum and most aerospace alloys.

MAXUS NXT is formulated to meet the criterion concerning corrosive characteristics of metalworking fluids on various metals set forth by the major D.O.D. contractors.

Recommended Starting Dilutions

Machining - drilling, turning, milling, tapping, boring, and reaming
1 : 25 (4%) to 1 :10 (10%)

Sawing / Grinding - centerless, surface, cylindrical, internal, band, and disk
1 : 33 (3%) to 1 : 14 (7%)

Concentration Check

Concentration	1:33 (3%)	1:25 (4%)	1:20 (5%)	1:17 (6%)	1:14 (7%)	1:12 (8%)	1:11 (9%)	1:10 (10%)
Refractometer Reading (Brix Scale)	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0

MAXUS NXT Continued

Typical Physical Characteristics

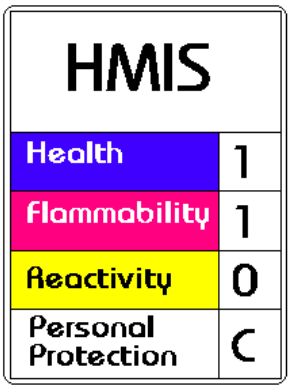
Weight, (lb.s / gal.)	8.6
Specific Gravity, 60/60F	
Flash Point, Concentrate, COC F	>250
pH, fresh,1:20 (5%) dilution	9.4
Color, dilution	opaque/blue-green
Color, concentrate	available undyed/blue

Packaging

MAXUS NXT is available in 55 gallon steel drums, totes and bulk quantities.

Shipping Identification / Labeling:

PETROLEUM / CHEMICAL COMPOUNDS
CLASS 55 NFMC 48580 SUB.4
Label: Amine based compound - Possible eye irritant due to alkalinity in concentrate. Water-diluted material is not expected to be primary eye irritant when used as recommended. Read and understand Material Safety Data Sheet before handling or disposing of this product.



Please ask your Maxim Metalworking Lubricants representative for information on other products from the MAXUS line. The new generation of chemically compatible high performance metalworking fluids, slideway lubricants, and tapping fluids.
MAXUS is "Cutting Edge Chemistry"

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