

PRODUCT DATA SHEET

KLEEN KOOL - ULTRA®

PRODUCT DESCRIPTION

KLEEN KOOL – ULTRA® IS A CLEAR, AMBER SYNTHETIC CUTTING AND GRINDING FLUID. KLEEN KOOL – ULTRA® IS FORMULAED WITH A PREMIUM EP (EXTREME PRESSURE) PACKAGE. KLEEN KOOL – HE IS DESIGNED PRIMARILY FOR MODERATE TO HEAVY MACHINING OF FERROUS AND NON-FERROUS METALS. IT IS ENVIRONMENTALLY FRIENDLY AND WORKER SAFE, EXHIBITS GOOD DETERGENCY, AND REJECTS TRAMP OIL. IT OFFERS LONG SUMP LIFE AND IS EASILY MAINTAINED.

ATTRIBUTES

- EXCELLENT CORROSION PROTECTION
- EXCELLENT TRAMP OIL REJECTION
- GOOD DETERGENCY AND HIGH WORKPIECE VISIBILITY
- LONG FLUID LIFE

GENERAL APPLICATIONS

KLEEN KOOL – ULTRA® IS DESIGNED FOR GENERAL TO HEAVY DUTY MACHINING OF FERROUS AND NON-FERROUS METALS. THE PREMIUM EP PACKAGE IS IDEAL FOR TOUGH APPLICATIONS LIKE SAWING, TAPPING, DEEP HOLE DRILLING, AND OTHERS.

APPLICATION INFORMATION

NOTE: THIS PRODUCT IS 2 X'S CONCENTRATED.

OPERATION	DILUTION	REFRACTOMETER READING	pH DI
SAWING	20:1	2.5	9.6
GENERAL MACHINING	40:1	1.25	9.3
GRINDING	50:1	1.0	9.2

DIRECTIONS

INITIAL CHARGE:

1. ADD DESIRED AMOUNT OF WATER TO SUMP.
2. ADD DESIRED AMOUNT OF UNDILUTED POWER CUT-HE TO THE WATER IN THE SUMP.
3. USE MODERATE AGITATION TO MIX THOROUGHLY BY STIRRING.
4. MEASURE REFRACTOMETER READINGS AND ADJUST AS NECESSARY.

MAKE-UP (IN ORDER TO COMPENSATE FOR WATER EVAPORATION)

WHEN REFILLING YOUR SUMP YOU MUST TAKE INTO CONSIDERATION YOUR COOLANTS EVAPORATION RATE. SINCE THE WATER PORTION EVAPORATES DURING THE MACHINING PROCESS THE CONCENTRATION OF THE REMAINING SUMP VOLUME IS HIGHER THAN WHAT YOU STARTED WITH. AT THIS POINT YOU WILL NEED TO REFILL THE SUMP WITH A LOWER CONCENTRATED MIXTURE.