

DR LUBRICANTS

YOUR COOLANT SPECIALISTS

TECHNICAL DATA SHEET

SYN 312

DESCRIPTION:

SYN 312 is a synthetic metalworking coolant designed for a variety of machining operations. It is formulated for cleanliness, long sump life, rust inhibition, and extra lubricity.

SYN 312 rejects tramp oil which promotes system cleanliness and biostability. Lubricity additives promote smooth surface finish, improved tool life, and greater metal removal rates. Typical dilution ratios range from 5%-10% for grinding and general purpose work and 10%-15% for heavier work, including drilling and tapping.

TYPICAL SPECIFICATIONS:

APPEARANCE	Blue/Clear
pH @ 5%	9.2-9.7
SPEC. GRAVITY	1.056 (8.813 LBS/GAL)
CAST IRON CHIP TEST @ 5%	No Rust

BENEFITS:

- Performs a wide variety of machining operations
- Economical
- Easy maintenance
- Built in rust protection

REFRACTOMETER READINGS:

CONCENTRATION %:	1.4	2.7	4.1	5.4	6.8	8.1	9.5	10.8	12.2	13.5
READING:	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0



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