

TECHNICAL DATA SHEET

SYN 442 HD

DESCRIPTION:

SYN 442 HD is a synthetic, high lubricity metalworking fluid. It contains a special blend of extreme pressure additives and high lubricity esters. It is formulated to leave a lubricative film on metal surfaces. This film prevents metal to metal contact which allows heavy duty work to be performed.

SYN 442 HD is suitable for drawing, stamping, broaching, and other heavy-duty work. It may be used as is, or diluted with water. SYN 442 HD cleans easily with alkaline water-based cleaners.

SYN 442 HD contains active sulfur and may cause staining on copper or brass.

TYPICAL SPECIFICATIONS:

APPEARANCE	Amber/Clear
pH @ 5%	9.6-10.0
SPEC. GRAVITY	1.055
EP ADDITIVES	Yes
HIGH LUBRICITY ESTERS	Yes

BENEFITS:

- Prevents metal to metal contact
- Easily cleaned
- In-process rust protection
- Heavy duty work performance

REFRACTOMETER READINGS:

CONCENTRATION %:	3.1	4.6	6.2	7.7	9.2	10.8	12.3	13.9	15.4	16.9
READING:	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0



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