



GP

GENERAL PETROLEUM

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Product Data Sheet (PDS)



GP INGEN SOLUBLE CUTTING OIL

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GP INGEN SOLUBLE CUTTING OIL is a long-life, bio stable, chlorine-free high-performance metal working fluid. When mixed with water the emulsion formed has a milky appearance. It is formulated with high levels of lubricity additives to provide excellent performance in arduous machining operations.

FEATURES & BENEFITS:

- High performance, chlorine-free, suitable for a wide range of metals
- Outstanding performance on aluminum, ferrous and nonferrous metals including stainless steels.
- Provides long service life
- Resistant to bacterial growth and degradation

APPLICATIONS:

- Recommended for machining aluminum, steels and yellow metals
- Can be used in individual machine sumps and in centralized coolant systems
- Recommended dilutions for turning, drilling, sawing, milling, and deep-hole boring are between 5-10%

TECHNICAL DATA

Sr. No	Characteristics	Test Method	Results
01	Appearance	VISUAL	B & C
02	Color	ASTM D-1500	5.0
03	Density @ 15 C, g/ml	ASTM D-4052	0.895
04	Viscosity @ 40 C, cSt	ASTM D-445	54.74
05	Viscosity @ 100 C, cSt	ASTM D-445	7.86
06	Pour point, C	ASTM D-97	-9
07	Flash Point, COC, C	ASTM D-92	216
08	20:1 Emulsion Stability, 1 hour	---	No cream or separation

Health and Safety:

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.