



SOLUBLE CUTTING OIL

PRODUCT DATA SHEET

INDUSTRIAL OIL

DESCRIPTION

Petrogulf SOLUBLE CUTTING Oil is formulated from high quality base oils and combination of passive and extreme pressure additive package especially developed for cutting oils used in severe operations. This cutting oil is extremely effective at providing rust and corrosion protection of parts, cutting tools, and the machine.

FEATURES & BENEFITS

- Gives excellent surface finish on parts. Good oxidation stability.
- Corrosion and Rust protection of parts and machine.
- Excellent cooling properties that avoid overheating of parts and chips in machining operation.
- Reduce tool wear.
- Helps prevent varnish and sludge formation.
- Non-staining to ferrous and nonferrous metals.
- Increase tool life and faster machining

APPLICATIONS

Petrogulf Soluble Cutting Oil is multipurpose for turning, milling, reaming, drilling, shaping, broaching of a wide variety of metals. It has outstanding emulsion stability and readily mixes with water. It is recommended at 10:1 up to 20:1 water oil dilution for milling, boring and turning and 40:1 for grinding. The emulsion is prepared by adding oil to water and not vice versa. It is non-staining and can be used on both ferrous and non-ferrous metals

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES
Kinematic Viscosity @ 40°C mm ² /s	41.5
Density @ 15°C Kg/L	0.894
Corrosion	0/1-1
Emulsion Stability(400ppm)-oil, %	NIL
Emulsion Stability(400ppm)-cream, %	NIL
Rust Prevention Breakpoint	20:1
Color ASTM	L3.0
PH	9.5

*These characteristics are typical of current production. Whilst future production will conform to Petrogulf specification, variations in these Characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel Injection is used.

PRODUCT CODE	32100000000
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Handling, Health and Safety

- In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- Prevent any splashing, and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off the used oil correctly; don't pour down drains, into watercourses or the soil.
- PetroGulf will not accept liability if the product is used other than in manner or with the precautions, or for the purpose specified. Before the product is used other than directed advice should be obtained from PetroGulf local office.