

## ChevronTexaco Soluble D

Category : Fluid , Lubricant

### Material Notes:

Texaco Soluble Oil D delivers value through: No separation – Excellent emulsion even with hard water Rust protection for steel work and machined parts even when water-oil emulsion ratios are eighty to one Ability to control bacterial growth and rancid odors Cooling improved by metal wetting. Also good chip settling. Reduced foaming – Possibility of sump overflow minimized. Stability in storage – Will not turn rancid. Texaco Soluble Oil D is an emulsifying oil which readily mixes with water, forming a homogeneous and exceptionally stable emulsion. It provides rust and corrosion inhibition and foam inhibition. It is used in the machining of both ferrous and nonferrous metals, particularly when cutting with carbon or high speed steel or tungsten carbide tools. It also combats bacterial growth in machine sumps. Texaco Soluble Oil D is used broadly in machine shop operations as a multifunctional cutting fluid. It is designed primarily to cool and lubricate the contact point of the tool and the work piece. It also prevents rusting or corrosion of the metals being machined as well as controls growth of bacteria, which is a constant problem in soluble oil circulating systems due to outside contamination. Texaco Soluble Oil D minimizes surface foam and speeds the release of entrained air which could cause pump cavitation. This is a versatile fluid designed to meet many of the situations encountered in the metalworking industry. Texaco Soluble Oil D is recommended for all metals (except magnesium) where maximum cooling is desired, particularly when cutting with carbon, high speed steel, or tungsten carbide tools. Texaco Soluble Oil D is used extensively in milling, drilling, gear cutting, turning, planing, shaping, sawing, and grinding operations. One gallon of Texaco Soluble Oil D for each 20 gallons of water satisfies most cutting operations; however, the add oil to water to avoid forming sticky invert emulsions which do not emulsify properly in water. See the Soluble Oil Mixing Recommendations chart for the proper ratio for the application. Texaco Soluble Oil D is suitable for use in automotive cooling systems to prevent rust and corrosion. A mixture of forty to one is most often used. However, always follow engine manufacturers recommendations. It is preferable to mix radiator water and oil in a separate container. Additions to the radiator should be made from this container. As with any other "additives", the radiator should be drained and flushed occasionally, since evaporation and leakage cause proportions to change. Do not recommend Texaco Soluble Oil D emulsions for magnesium. Hot magnesium is a fire hazard when it contacts water. The preferred recommendation is Texaco Alcaid® 19 (ISO 22). Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing. CPS Number: 220786; MSDS Number: 8625

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ChevronTexaco-Soluble-D.php](http://www.lookpolymers.com/polymer_ChevronTexaco-Soluble-D.php)

Physical Properties	Metric	English	Comments
API Gravity	20.4 °	20.4 °	
Saybolt Viscosity at 100°F	198 SUS	198 SUS	
Saybolt Viscosity at 210°F	43.7 SUS	43.7 SUS	
Kinematic Viscosity at 40°C (104°F)	38 cSt	38 cSt	
Kinematic Viscosity at 100°C (212°F)	5.2 cSt	5.2 cSt	

Thermal Properties	Metric	English	Comments
Pour Point	-30.0 °C	-22.0 °F	

Thermal Properties	Metric	English	Comments
Flash Point	160 °C	500 °F	

Component Elements Properties	Metric	English	Comments
Sulfur, S	0.30 %	0.30 %	

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