

ConocoPhillips 32 Soluble Oil

Category : Fluid , Lubricant

Material Notes:

Description: Conoco Soluble Oil is a general-purpose oil suited for a wide variety of cutting and grinding operations that require a combination water-soluble lubricant and coolant. Soluble Oil is a carefully balanced blend of a high-quality mineral oil and emulsifying agents. The recommended mixing ratio is 5 vol. % soluble oil to 95 vol. % water. The typical operating range is 3 vol. % soluble oil/97 vol. % water to 10 vol. % soluble oil/90 vol. % water. However, at the lower range of 3 vol. %, the antirust characteristics of the mixture may be reduced. Two important maintenance items are vital for optimum Soluble Oil performance. First, maintain the correct oil-water ratio. Always add oil to water; never add water to oil. Water loss due to evaporation will enrich the emulsion, while filtration of used fluid will remove oil and dilute the emulsion. Second, institute a program to prevent the growth of odorcausing bacteria. This program should consist of regular treatment of the Soluble Oil system with a germicide and the periodic draining and cleaning of the system with a disinfectant solution, such as bleach. This maintenance program will bring maximum benefits from Soluble Oil. Information provided by ConocoPhillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-32-Soluble-Oil.php

Physical Properties	Metric	English	Comments
Density	0.907 g/cc	0.0328 lb/in ³	
Viscosity Measurement	61	61	Viscosity Index
Saybolt Viscosity at 100°F	133 SUS	133 SUS	
Saybolt Viscosity at 210°F	41 SUS	41 SUS	
Kinematic Viscosity at 40°C (104°F)	28 cSt	28 cSt	
Kinematic Viscosity at 100°C (212°F)	4.6 cSt	4.6 cSt	
ASTM Color	3.0	3.0	

Descriptive Properties	Value	Comments
Emulsion Stability, 95% Water-5% Oil	No Free Oil After 4 Hours	

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