

ExxonMobil Mobil Nyvac FR 200D

Category : Fluid , Lubricant

Material Notes:

Mobil Nyvac FR 200D is an extra high performance water-glycol type fire-resistant hydraulic fluid. It is formulated with diethylene glycol as the main glycol component. The product does not contain ethylene glycol. Mobil Nyvac FR 200D provides excellent protection against rust and against vapour phase corrosion. In hydraulic pump tests, it has shown a high level of antiwear performance. A high viscosity index makes Mobil Nyvac FR 200D effective over a wide range of operating temperatures. Its foam resistance, low temperature flow and storage stability are also excellent. The fire-resistant properties of Mobil Nyvac FR200D arise from its water content. Even when the fluid is sprayed at a pressure of over 200 bar / 3000 psi from a diesel injector nozzle into a gas flame it will not ignite, nor will it when dropped onto molten metal. The water content is important and must be maintained at 38% to retain optimum fire resistant properties and its viscosity characteristics. Viscosity increase due to loss of water by evaporation can be easily corrected by adding deionised water to the product. It is not recommended for use in systems operating at bulk fluid temperatures above 65° C. Mobil Nyvac FR 200D is compatible with packings, gaskets, hoses and accumulators made from materials normally encountered in hydraulic systems, except items made from polyurethane, leather or cork materials. Mobil Nyvac FR 200D is approved by Factory Mutual (FM) as a Group I HF-C fluid. Mobil Nyvac FR 200Ds wide application capability and excellent performance make it the product of choice among many industrial users. In common with all other water-glycol type fluids, Mobil Nyvac FR 200D is not compatible with typical type paints. Epoxy or phenolic resin based paints are suitable. Mobil Nyvac FR 200D should not be mixed with other types of fluids. While it is compatible with other water-glycol type products, admixtures may detract from the properties of the Mobil product. The water content is important and must be maintained at 38% to retain optimum fire resistant properties and its viscosity characteristics. It is not recommended for use in systems operating at bulk fluid temperatures above 65° C. Mobil Nyvac FR 200D is recommended for use in all types of hydraulic pumps and motors operating close to a source of ignition, providing the manufacturers instructions are observed. Typical applications include: Diecasting machines and presses; Combustion regulators; Furnace door openers; Ladel-tilting mechanisms; Glass drawing machinery

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Mobil-Nyvac-FR-200D.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.089 g/cc	1.089 g/cc	15.6°C; ASTM D1298
pH	9.5	9.5	
Viscosity Measurement	175	175	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	41.5 cSt	41.5 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-30.0 °C	-22.0 °F	ASTM D97

Component Elements Properties	Metric	English	Comments
H2O	0.0043 %	0.0043 %	

Descriptive Properties	Value	Comments
Color	red	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China