

HYDROFORM NP 3191

NON-PIGMENTED PASTE HYDROFORMING COMPOUND

Description

Hydroform NP 3191 is a heavy duty, low-drip product that is used as a lubricant on the outside of tube to be hydroformed. This product is especially formulated for high – pressure hydroforming and is non-pigmented. Hydroform NP 3191 is a blend of very effective boundary lubricants and pigments to provide protection against galling, and a balanced rust inhibition package. It is non-chlorinated. Hydroform NP 3191 can be used in centralized delivery systems. The residual film remains soft, non – oxidizing and non – staining on all recommended metals.

Features & Benefits

- Excellent EP benefits. This product provides the necessary boundary lubrication and EP lubrication that is required at the high pressures used in hydroforming.
- Easily removed from dies and parts with alkaline cleaners. The product does not interfere with e-coating.
- Does not contain any SARA 313 listed components. It is non-phenolic, non-nitrated and safe to use and dispose.

Physical Data

Appearance:	Looks like Paste
Color:	Off-white
Odor:	Mild, Characteristic
Solubility (water):	Complete
Viscosity (40°C):	125-200 cSt
pH of Solution:	8.5
Specific Gravity:	0.99

Application

Hydroform NP 3191 is an external lubricant to be used as received in high pressure hydroforming.

Hydroform NP 3191 can be applied by spray, roll, drip, swab, or brush.

Health & Safety

See the most recent MSDS which is available directly from Precision Fluids, your local salesman, or authorized distributor. Precision Fluids uses only raw materials not listed as carcinogenic by IRAC.

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