

# Lamix-30

Agip Lamix 30 is a linear-paraffin, manufactured and sold by ENI Refining & Marketing Division; a special product based on a very low sulphur narrow distillation cut; an environmental friendly alternative to diesel or mineral oil – based fluids; the first candidate for low temperature deep water drilling; a base fluid developed for HPHT, extended reach and horizontal wells;

## Typical Physical Properties

Physical appearance.....	bright clear liquid
Specific gravity (15C).....	0.79
Kinematic Viscosity, mm <sup>2</sup> /s @ 20C / 40C.....	2.3 / 1.6
Pour point.....	-36C
Flash point.....	84C
Aniline Point.....	77.2C
Boiling Range – Distillation IBP-FBP.....	210-240C
Aromatics content.....	0.04%

## Applications

Lamix-30 can be used as the base fluid for all oil based drilling fluid systems. Tight, stable emulsions of brine in Lamix-30 at high and low ratios, and the full range of salinities and fluid densities, are readily achieved using all emulsifier packages.

Lamix-30 provides superior mud performance – lower mud viscosities for ECD and pressure management, high thermal stability.

Lamix-30 has low vapour pressure resulting in better working conditions as there is low emission of fumes and very little odour.

Lamix-30 is not an irritant for the eyes or the skin.

Normal ratio of Lamix-30 ranges from 50 to 90% of the liquid phase.

## Advantages

- Low toxic
- High flash point
- Flat Kinematic viscosity
- Near zero aromatics content

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### **Toxicity and Handling**

HOCNF is available upon request.

Avoid eye and skin contact. Gloves and goggles are recommended when handling this product. In case of contact with skin wash exposed area with copious quantities of water. In case of contact with eyes, wash with plenty of water and seek medical advice.

Lamix-30 does not have a restricted classification for transportation.

### **Packaging and Storage**

Standard pack unit: bulk Other pack unit: on request

Store in a sealed container at ambient temperature.

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