

IKV-FOOD GLIDE 3H/68

► DESCRIPTION

IKV-FOOD GLIDE 3H series oils are developed from isoparaffinic hydrocarbon bases and produced through a hydrotreatment process. They contain virtually no sulfur, nitrogen or aromatics which contributes to ageing alteration (degradation) of other oils in this class. This purity and chemistry provides qualities that are essential to many applications, for instance, they are colorless and almost odourless.

In addition, these base oils meet the stringent medicinal white oil purity requirements of the major international pharmacopoeias, including the European Pharmacopoeia, the United States Pharmacopoeia, the Chinese Pharmacopoeia and the Indian Pharmacopoeia.

These oils are approved by **NSF** for class 3H.

IKV-FOOD GLIDE 3H series is also free of animal derived materials and allergens from nuts, cereals or gluten.

IKV-FOOD GLIDE 3H series is close to the synthetic oils like PAO with an outstanding combination of characteristics that can facilitate enhanced performance in the applications in which they are used. These properties include:

-Outstanding high temperature performance

Excellent resistance to oxidative breakdown even at high temperature.

-Excellent lubrication

The natural ability of these oils to provide superior lubrication under a wide range of applications. Their low coefficient of friction reduces operating temperatures and power consumption.

-Good anticorrosion protection

These fluids provide an effective protection of all metal surfaces operating in humid or wet operations.

-high viscosity index

Minimum variation of viscosity with changes in temperature, gives the opportunity to reduce the number of products used on site, resulting in reduced inventory cost.

-low pour point

Start-up and running temperatures are possible from -30°C to -20°C according to the viscosity grade.

-Chemical compatibility

They are compatibles with the most seals, rubbers, plastics and coatings used in equipment already designed for mineral or PAO oils.

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► TYPICAL APPLICATIONS

IKV-FOOD GLIDE 3H series is mainly used as release agent or lubricant for bearings, plain bearings, chains, slideways in all areas in food and beverage processing, pharmaceutical and associated packaging industries. It can be integrated as part of a HACCP programme.

IKV-FOOD GLIDE 3H series is also suitable in textile industry due to its nonstaining property.

► PROPERTIES

CHARACTERISTICS	VALUES	UNITS	TESTS
Colour	Colourless		
Oil nature	Medicinal		
Kinematic viscosity at 40°C	60	cSt	ASTM D-445
Kinematic viscosity at 100°C	9	cSt	ASTM D-445
Viscosity Index	133		ASTM D-2270
Flash point	> 270	°C	ASTM D-92
Pour point	-24	°C	ASTM D-97
Density at 20°C	0.844	g / cm ³	ASTM D-1298
Useful temperature range	-20 / 120	°C	

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