

LUBRICANT UPI



Manufacturer:
“HaloPolymer Kirovo-Chepetsk”, LLC
QMS for production is certified: ISO 9001

CHEMICAL NAME: Mixture of fluorinated alkanes and cycloalkanes
TRADE NAME: Lubricant UPI
CHEMICAL FORMULA: Mixture of $C_n F_{2n+2}$ and $C_n F_{2n}$ ($n = 15 - 25$)

At the temperature of $(40 \pm 1)^\circ\text{C}$ Lubricant UPI is an oily colorless or slightly colored, transparent, homogeneous liquid without mechanical impurities. At the temperature of $(20-25)^\circ\text{C}$ Lubricant UPI is a liquid in which the presence of cloudiness is allowed. It is non-flammable, nonexplosive, low-toxic.



PHYSICAL-CHEMICAL PROPERTIES

PARAMETERS	UNITS	VALUE
Color of acetic extract		It is according to sample of colority
Content of water	-	No
Reaction of water extract	-	Neutral
Initial boiling point at residual pressure 1,33 kPa (10 mm Hg), min	$^\circ\text{C}$	130
Mass fraction of distillate to the temperature of 140°C at the residual pressure of 1,33 kPa (10 mm Hg), max	%	5
Mass fraction of residue at the temperature above 190°C at the residual pressure of 1,33 kPa (10 mm Hg), max	%	5
Interaction with «working medium»	-	No
Mass fraction of solid product, max	%	0,1
Kinematic viscosity at a temperature of $(20 \pm 0,2)^\circ\text{C}$, in the range of temperature $(70 \pm 0,2)^\circ\text{C}$, min	mm^2/c	$3,0 \cdot 10^3 - 6,0 \cdot 10^3$ 23
Amount of the splited fluoride-ion, max	% mass	0,30
Density, about	kg/m^3	2000



Main application:

Lubricant UPI is used for lubrication of rubbing parts of machines and devices, machine bearings working in aggressive media and for filling of the rotary shaft seals and for other purposes.



Package:

Lubricant UPI is filled in aluminium cans or metal flasks. Consumer's container corresponding to requirements is allowed.



Transportation and storage:

Lubricant UPI is transported by any kind of transport. It is stored in the containers of the producer in dry stock rooms. Guaranteed storage time is 5 years from the date of production.