

IGP

Industrial Hydraulic Oils

APPROVALS

Turbonasos (IGP-38)

PRODUCT DESCRIPTION

IGP are industrial hydraulic oils manufactured of solvent refined base stocks that are blended with performance improving additives.

IGP are designed as general purpose oils with additives. They exceed oils without additives in wear, oxidation and rust protection and can replace such fluids in all types of equipment. **IGP** provide more extended protection of components in hydraulic systems at extreme pressure and operating temperatures, where oils with high level of purity are not required.

The product name in an order:

Industrial oil IGP-18, TU 0253-053-00151911-2008
 Industrial oil IGP-30, TU 0253-053-00151911-2008
 Industrial oil IGP-38, TU 0253-053-00151911-2008
 Industrial oil IGP-49, TU 0253-053-00151911-2008
 Industrial oil IGP-72, TU 0253-053-00151911-2008
 Industrial oil IGP-91, TU 0253-053-00151911-2008
 Industrial oil IGP-114, TU 0253-053-00151911-2008

APPLICATION

IGP are a wide range of hydraulic oil ISO grades. They are the oils, which are most often recommended for hydraulic systems with vane, piston, and gear-type pumps. They are also suitable for heavy loaded piston and screw compressors, as well as multipurpose lubricant for hydraulic motors, bearings, shafts, etc. according to viscosity grades.

FEATURES AND BENEFITS

- Protect equipment against wear and corrosion
- Provide improved performance
- Reduce operation costs due to saving on down-time

TYPICAL TEST DATA

PROPERTY	Test method	IGP						
		18	30	38	49	72	91	114
ISO VG		22	46	-	-	-	150	-
Density at 20 °C, kg/m ³	GOST 3900	868.1	877.0	882.6	884.5	888.9	891.5	893.3
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	27.9	44.6	60.2	79.5	116.1	154.5	188.6
Viscosity index	GOST 25371 / ASTM D2270	99	96	94	93	90	89	92
Flash Point, COC, °C	GOST 4333	208	225	229	253	263	269	270
Pour Point, °C	GOST 20287 B	-29	-29	-28	-25	-24	-24	-21
Acid number, mg KOH/1 g oil	GOST 5985	0.65	0.64	0.64	0.78	0.79	0.79	0.79
Ash content, %	GOST 1461	0.14	0.13	0.14	0.14	0.14	0.14	0.14
Sulfur content, %	GOST 13538	0.465	0.53	0.68	0.75	0.89	0.89	0.91
Zink content, %	ASTM D4284	0.046	0.044	0.044	0.047	0.047	0.047	0.047

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO "LLK-International".