

Product Data Sheet

IPOL Quenching Oil 22XFQ

Medium Fast - Cold Quenching Oil

Description:

IPOL Quenching Oil 22XFQ is a general purpose Medium Fast - Cold Quenching oil. This Quenching oil is blended, using refined and oxidation and thermally stable Base oils with exclusive Additives i.e. combination of anti-Oxidants, quench-process accelerators & other performance improvers. This boosted combination helps in increasing the working life of this Quenching oil.

Salient Features.

- Enhanced performance, when oil temperature is in range of 40 to 70 deg C
- Excellent oxidation and thermal stability
- Excellent quenching characteristics
- Reduces the risk of fire hazard
- Lowered carry-over losses
- Consistent performance in all types of furnaces.

Application:

- Carburized Parts, Forged Steel Parts.
- Varieties of Fasteners, Bolts, Nuts.
- All kind of Carbon Tool parts
- Various Bearing and Bearing-races

Guidelines for the use of Quenching Oil:

- Use of inert gas would enhance the life for this Oil
- Can be used in sealed quench furnace (SQF) as well as open-tank.
- Better results in continuous furnace / batch furnace
- Quench Load should be one-tenth of the volume of oil present in tank.
- Avoid water/moisture contamination.
- Heat exchanger should be in working condition to control the temperature of the oil.
- Maintain proper atmosphere in the furnace.
- Oil level in the tank to be maintained at all times.

Physical Properties:

Properties	Methods	Typical Test Values
Color	ASTM D 1500	Light Brownish yellow
Specific Gravity @ 30°C	ASTM D 1298	0.845
Kinematic Viscosity @ 40°C	ASTM D 445	22 cSt
Flash Point	ASTM D 92	180°C
Total Acid Number	ASTM D 974	0.05 Max
Operating Temp.	-	40°C – 70°C
Cooling Curve @60 deg C	-	Can be provided on demand

(The above data is typical & does not constitute a specification. The information provided is not to be taken as a warranty or representation for which we assume legal responsibility, nor as permission or recommendation to practice any attended location or otherwise. It is solely offered for your consideration, investigation and verification.)

Storage & Handling:

The product is available in 210 & 26 Ltr HDPE drums. All containers are filled to volume by weight. This product has shelf life of 12 months and above. Like most Industrial Products, it should be stored out of direct sunlight in temperature between 4 & 43 °C.

Safety and Precautions:

IPOL Quenching Oil 22 XFQ is unlikely to present any significant health hazard when proper personal and industrial hygiene are maintained.