

MEDIUM FAST QUENCHING OIL**IPOL QUENCH 22 XFQ****Description:**

IPOL QUENCH 22 XFQ is general purpose medium fast quenching oil fortified with performance chemicals for consistent long lasting performance. It is mainly designed in view of job heat treaters where the inflow of jobs is with different material chemistry.

Salient Features:

- Based on selected virgin base oil of excellent characteristics.
- A high and uniform rate of cooling during initial quenching phase.
- Faster speed ensures proper and uniform hardness
- Slower in the convection phase to avoid the distortion problems.
- Fortified with antioxidant additive to ensure uniform and consistent performance of oil.
- Lesser smoking and with reasonably high flash point reduces the risk of fire hazard.
- Lower viscosity reduces the drag out losses.

Precautions:

- Follow the practice of Preventive Maintenance of the Quenchants.
- Avoid water/moisture contamination.
- Use of compressed air for agitation should be strictly avoided as it increases the oxidation rate of the oil.
- Heat exchanger should be in operation.
- Avoid Cu and Copper alloys in heat exchanger. Cu acts as a catalyst for oxidation of the oil.
- Maintain proper atmosphere in the furnace.
- Maintain proper level of the oil.

Product Data

Typical Results: IPOL QUENCH 22 XFQ

Characteristics	Test Method
Color	Bright & Clear
Specific Gravity	0.854
Viscosity at 40°C, cSt	22
Flash Point	> 180°C
Fire Point	> 250°C
Moisture content	< 0.1 %
Sludge	Nil
Cooling Speed	10 - 12 Sec. on GM

General Comments:

Heat Treatment is a complex process of an art and science. We advise you to take our assistance for the proper system configuration if you are installing the new tank or else modifications if required for the old tank can be suggested by us.

The properties indicated are typical and may change slightly without affecting the performance of the product.

Storage & Packaging:

22 XFQ can be supplied either in drums or bulk. The product should be preferably stored indoors in dry conditions and protected from extreme temperatures. In case the drums are stored outside, adequate precaution needs to be taken to cover them for avoiding any rain water contamination.

Product Data

Safety & Precautions:

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

Note: The information provided is not to be taken as a warranty or representation for which we assume no legal responsibility nor as permission or recommendation to practice any attended location or otherwise. It is solely offered for your consideration, investigation and verification.