

PRODUCT DATA SHEET



TRANSFORMER OIL

PAL POWER FLUID - 20

PAL POWER FLUID - 20 is a fluid medium specially developed to meet the requirements of all types of transformers from medium to extra high voltage range ensuring optimum performance and safety of the transformers. It cools the transformers and insulates the coils from electric short circuit. It is non-conductive and has excellent fluidity, even at low temperature (-6°C). It has high flash point resulting in low evaporation losses and has good dielectric properties resulting in minimum power loss.

It is formulated from highly refined mineral oil, having good high temperature stability & excellent electrical insulating properties. Special refining steps are used to ensure that oil-soluble current-carrying ionic materials are removed.

PAL POWER FLUID - 20 is **recommended** for use in Transformers, oil immersed circuit breakers and switchgears. This oil is also widely used in special transformers designed to operate at elevated temperatures and in low maintenance / maintenance-free transformers designed to operate for longer periods.

This product is **not recommended** for use where safety specifications require the use of non-flammable insulating oil. Also **not recommended** for use where synthetic dielectric fluids and uninhibited oils are required.

PERFORMANCE LEVEL: IS 335-1993 (Reaffirmed 2005) specifications.

CHARACTERISTICS		
S. NO.	PROPERTIES	PAL POWER FLUID – 20
1	Viscosity, cSt @40°C	20
2	Density@29.5°C, g/cm ³ , Max.	0.89
3	Flash Point (PMCC), °C, Min	150
4	Pour Point, °C, Max	-6
5	Total acidity, mg KOH/gm	0.03
6	Electric Strength(breakdown voltage), KV,Min	30

* The specifications are subject to variations/ development / customization.

PACKING: 210L, 50L, 20L