TRANSOL 220

Quality class: ISO 12925-1 CKC
Viscosity grad: ISO VG: 220

GENERAL FEATURES:

Transol® 220 industrial gear oils are manufactured from selectively refined mineral oils, they contain lead free additives improving lubricating properties (sulphur-phosphor type) and a set of anticorrosive, antifoaming and deemulsifying additives as well as additives increasing resistance to oxidation.

It is featured by:

- protection abilities from excessive operational wear to gear elements i.e. toothed wheels as well as rolling and sliding bearings.
- protection abilities of gear elements made from steel and non-ferrous elements from corrosion and chemical impact of oil active ingredients and its oxidation products,
- ability to provide long operation at increased temperatures with no properties compromised which is due to high thermooxidant stability,
- applied antifoaming and demulsifying additives protecting from compromising of lubricating properties due to formation of durable foam and oil-water emulsion.

APPLICATION:

Transol® oils are intended to lubricate medium loaded mechanical gears of industrial devices often transferring stroke loads e.g. rolling devices in metallurgical machines, construction machines, cement mill machines, lifts and transport devices in shipbuilding industry, machine tools, steam and gas turbine gears, paper industry machines and other devices operating at temperatures up to 100□C requiring oils with increased resistance of the lubricating film (they contain Extreme Pressure (EP) additives), good thermooxidant stability at higher temperatures and good demulsifying and anticorrosive properties (to iron and non-ferrous metals).

Transol® oils can be used when gears are exposed to aggressive environmental influence (water, steam, corrosive gases) and when they are exposed to variable ambient temperatures (cranes, hoisting winches, etc.).

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STANDARDS, APPROVALS. SPECIFICATION:

DIN 51517 part 3,
US Steel 224,
AGMA/ANSI 9005-E02
ISO 12925-1 CKC

PARAMETERS	UNIT	TYPICAL VALUES
Kinematic viscosity at 40^0C	mm^2/s	212
Viscosity index	-	94
Flow temperature	^{0}C	-25
Ignition temperature	^{0}C	245
Lubricating properties · loaded wear ratio · weld load	daN kG	46 315

NOTE:
Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

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