

# PG SYN GEAR Series

## Descriptions

TACBECON PG SYN GEAR Series is full synthetic bearing and gear oil with excellent anti-wear properties, low coefficient of friction, and low freezing points.

With high viscosity indices, the oils are capable of operating in the widest temperature range.

The lubricating oils have excellent oxidation stability and shear stability; ensuring extended oil drainage.

The additives are not aggressive to any metals, aluminum and copper alloys.

## Applications

TACBECON PG SYN GEAR oils are used in lubrication of worm gears, gear brakes, roller and ball bearings circulating systems.

They are widely used in the, textiles, paper, cement, gearbox producers, siderurgy, wood, plastics and glass derivatives industries.

## Compatibility

TACBECON PG SYN GEAR oils are not miscible with mineral oils or any other synthetic oils. To get the maximum performance of TACBECON PG SYN GEAR oils, all the elements to be lubricated must be carefully cleaned and contaminant-free before use.

## Product Features

- Full synthetic gear lubricant.
- Neutral to soft and yellow metals.
- Exhibits excellent lubricity.
- High viscosity index.
- Excellent oxidation stability.

## Cautions

- Do not mix with other lubricants.
- Fill oil to required level.
- Handle hot oil with care.
- Drain used oil completely during lubricant change.

## Packaging Size

18-liters     Pail  
208-liters     Drum

Typical Property	Test Method	PG SYN GEAR					
		150	220	320	460	680	1000
ISO viscosity grade	-	150	220	320	460	680	1000
Oil viscosity @40°C, cSt	ASTM D 445	150(±15)	220(±22)	320(±32)	460(±46)	680(±68)	1000(±100)
Viscosity index	ASTM D 2270	195	195	205	215	240	260
Density @20°C, g/ml	-	0.99	1.00	1.00	1.01	1.03	1.03
Flash point, °C min	ASTM D 92	240	240	240	240	250	260
Pour point, °C	ASTM D 97	-35	-35	-33	-30	-27	-27
Copper corrosion	ASTM D 130	1a	1a	1a	1a	1b	1b
Fourball weld load, kg	ASTM D 2783	230	230	250	250	250	250
Fourball wear scar, mm	ASTM D 2266	0.35	0.35	0.32	0.32	0.33	0.30
FZG A9.3/90 test, stage	DIN 51354	12 min.	12 min.	12 min.	12 min.	12 min.	12 min.

The information is believed to be accurate but is furnished upon the express condition that the customer or user shall make its own assessment to determine the product suitability for a particular purpose. Before using any chemical, please read its label and Material Safety Data Sheet.