



PTT DRIVERA SYNTHETIC W

Fully Synthetic PAG Based Industrial Gear Oil

Descriptions

- PTT DRIVERA SYNTHETIC W-150, 220, 320, 460, 680: are fully synthetic polyalkylene glycol (PAG) based industrial gear oils, which provide excellent micropitting protection, enhanced load carrying capability and prolonged service life. PTT Drivera Synthetic W-150, 220, 320, 460, 680 are carefully formulated with high performance additive package to provide outstanding thermal stability, high wear reduction rates as well as good corrosion protection.

Special Properties

- High viscosity index which provide better gear protection over a wide temperature range.
- Excellent oxidative and thermal stability which extend oil life.
- Outstanding in terms of rust and corrosion protection.
- Low traction coefficient which minimize micropitting on gear teeth and provide energy saving.

Applications

- Suitable for use in Worm, Helical, Bevel and Planetary industrial gear types.
- Recommend for higher operating temperature applications compare to conventional lubricants.
- Fill for life gearboxes, rotary screw and reciprocating compressors, Chain and conveyor, Kiln and oven.
- **Not recommend** for used with Polyurethane based elastomers.
- At high temperature, Nitrile Rubber (NBR), Fluoro-Silicone or Vinyl-Methyl Polysiloxane (Q) is recommended.
- **Incompatible** with mineral oil or PAO based product.

Reference Standards

- Flender (Siemens) Rev.13 for Helical, Bevel and Planetary gear - DIN 51517 Part 3
- Flender (Siemens) Rev.3 for Worm gear - David Brown Type G

Typical Values

	150	220	320	460	680
- Density @ 15°C, kg/dm ³	1.056	1.056	1.057	1.069	1.070
- Viscosity @ 40 °C, cSt	152	223	318	465	688
- Viscosity @ 100 °C, cSt	26.2	37.6	54.2	76.3	111
- Viscosity Index	209	220	237	246	261
- Flash Point, °C	282	284	284	284	285
- Pour Point, °C	-45	-42	-39	-36	-33
- FZG Scuffing Load Test (A/8.3/90)	>12	>12	>12	>12	>12

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