



## Syngear P

Advanced Technology Synthetic Gear Oils

### TECHNICAL DATA SHEET

#### **Product Description:**

Veedol Syngear P oils are formulated with 100% synthetic base stocks and advanced additive system which provides exceptional oxidation & high temperature stability, excellent low temperature fluidity, cleanliness and overall better lubricity.

Veedol Syngear P oils offers outstanding lubrication performance under severe operating conditions and provides effective protection against micro-pitting to prolong life of gear components. They help environment by minimizing lubricant use, disposal and reduce power consumption

Veedol Syngear P oils are extra-long drain oils, specially developed for applications where frequent maintenance or access is not possible.

#### **Performance Specifications:**

Meets & exceeds the performance requirements of

- DIN 51517-3 CLP
- Flender Performance
- AIST 224 (formerly US Steel 224)
- AGMA 9005 – E02 (EP)
- David Brown S1.53.101 Type E
- ISO 12 925-1 CKD

#### **Features/Benefits:**

- Excellent load carrying capacity due to superior extreme pressure protection properties.
- Extended service interval
- High micro-pitting resistance
- Rust and oxidation protection, corrosion protection with bronze, copper and steel metallurgy.
- High viscosity index and excellent lubricity, decreasing sliding and rolling friction in gears.
- Low coefficient of friction properties and good demulsibility for rapid water separation.
- Higher energy efficiency allowing for lower operating temperatures.
- Compatible with common seal materials used in gear boxes.

#### **Application:**

- Recommended for electric wheel motor gearboxes used in mine haul trucks.
- Recommended for applications like wind turbine and other inaccessible installations requiring longer drain oil.
- Suitable for use in Spur, helical, herringbone, bevel gearing and most types of industrial hypoid gearing.
- Also suitable for ball roller and other types of anti-friction bearings.

#### **Typical Properties:**

Test Parameter	Test Method	Typical Value			
		150	220	320	460
Kinematic Viscosity, @ 40°C, cSt	ASTM D 445	152	222	325	474
Viscosity Index	ASTM D 2270	155	154	153	150
Flash Point (COC), °C	ASTM D 92	244	248	250	256
Pour Point, °C	ASTM D 97	-36	-36	-36	-36

Properties mentioned above are typical only and minor variations which do not affect the product performances, are to be expected in normal manufacturing