



PMA Base Oil for Heavy Duty Gear Oil G6600B

Description

Goncord G6600B is a polymethacrylate (PMA) synthetic base oil. It's a key component in formulating high-performance synthetic wind turbine gear oils suitable for low-temperature operation and maintaining high viscosity across a wide temperature range. G6600B's carefully formulated design ensures exceptional dissolving ability and precise viscosity-temperature control.

Features

- Suitable for a wide range of applications, from heavy-duty industrial gear oils to wind turbine gear oils
- Excellent compatibility with various base oils and additives
- Manage consistent viscosity across the entire operating temperature range due to its high viscosity index.
- Extended oil life: Contributes to longer oil drain intervals and reduced maintenance costs

Typical Properties

G6600B PMA Base Oil recommended application to formulations of industrial gear oil

	GV 150	GV 220	GV 320	GV 460
G6600B, wt%	28	36	45	50
Group III, wt %	69.05	61.05	52.05	47.05
Depressant, wt %	0.3	0.3	0.3	0.3
Complexing agent wt %	2.65	2.65	2.65	2.65
Visc @40, mm ² /s	155	225	326	458
Visc @100, mm ² /s	20.12	27.18	36.73	47.9
Viscosity Index	150	155	160	163
Pour point, °C	-39	-39	-39	-35
Flash point COC, °C	> 220	> 220	> 220	> 220

Comparison of technical performance of industrial gear oils

	Heat rate	Bearing protection	Micro-pitting protection	Additive compatibility	Total cost
Mineral Gear oil	Low	Middle	Middle	High	Low
PAO/mPAO Gear oil	High	High	Middle	Low	High
G6600B Gear oil	High	High	High	High	Middle