

JETTA PAG GEAR OILS

Synthetic Polyalkylene-Glycol Gear Fluids · ISO VG 150 - 680

DESCRIPTION

JETTA synthetic PAG (polyalkylene glycol) gear fluids are premium products designed to provide optimum performance in gearboxes, worm gears, bearings, blowers, reciprocating compressors and hydraulic systems well beyond the capabilities of mineral oils. They offer improved load-carrying ability over petroleum, PAO and ester-based fluids, are compatible with most plastics, break down cleanly at high temperatures and leave no gummy deposits.

APPLICATIONS

Lubrication of step-down gears and worm drives functioning under the harshest conditions: high loads, impact, extreme temperatures and corrosive atmospheres.

COST-SAVING BENEFITS

- Very high viscosity index — stable under mechanical shear
- Low friction coefficient: protects non-ferrous parts (e.g. bronze worm ring gears) and saves 5 - 10% energy vs mineral oil
- Excellent oxidative and thermal stability — prolonged oil life
- Excellent extreme-pressure and anti-wear properties
- Very good static and dynamic anti-corrosion properties
- Good level of biodegradability · wide temperature range

PERFORMANCE LEVELS

- DIN 51517 Part 3 (CLP)
- NF-ISO 6743-6 CKS/CKT
- DAVID BROWN

PACK SIZES

Multiple pack sizes available on request.

TYPICAL PROPERTIES

PROPERTY	METHOD	150	220	320	460	680
Density at 15 °C, kg/m ³	ASTM D-4052	1077	1077	1077	1076	1076
Viscosity at 40 °C, mm ² /s	ASTM D-445	150	220	320	460	680
Viscosity at 100 °C, mm ² /s	ASTM D-445	26.2	38.3	55.5	77.4	113
Viscosity index	ASTM D-2270	211	226	242	251	265
Flash point, COC, °C	ASTM D-92	270	270	270	270	270
Pour point, °C	ASTM D-97	-32	-30	-30	-30	-30
4-ball wear, 40 kg, mm	ASTM D-4172	0.30	0.32	0.31	0.30	0.30
FZG test	DIN 51354/2	>13	>13	>13	>13	>13
Rust test	ASTM D-665	Pass	Pass	Pass	Pass	Pass

Caution: not compatible with petroleum oils, synthetic hydrocarbons and greases.

Typical values shown do not constitute a specification. The information is based on current knowledge and is intended to describe the product for possible applications; it does not release the user from performing preliminary tests.