

JETTA PAO GEAR OILS

Fully Synthetic Industrial EP Gear Oils · ISO VG 68 - 1000

DESCRIPTION

Fully synthetic, heavy-duty industrial gear oils formulated from the highest-quality polyalphaolefin (PAO) base fluids. Intended for enclosed gears operating under adverse loads and temperatures where EP performance is required. Eight viscosity grades, all with excellent viscosity indexes, cover a wide range of operating temperature and load conditions.

APPLICATIONS

- Spur, helical, bevel and worm gear drives
- Plain and rolling-contact bearings
- Agitator drives & centrifuge gearboxes
- Circulating, splash and mist-lubricated systems
- Extruder reducers

COST-SAVING BENEFITS

- Reduced downtime through extended drain intervals
- Dramatically reduces gear-system noise; prevents scuffing, scoring, galling and pitting
- Wide temperature range: -50 °F to +250 °F, depending on grade
- Longer life than conventional oils · completely water resistant

PERFORMANCE LEVELS

- DIN 51517 Part 3 (CLP)
- AGMA 9005-E02 (EP) / 251.02 (EP)
- U.S. Steel 224
- USINOR FT 161
- FLENDER · DAVID BROWN
- CINCINNATI MILACRON

PACK SIZES

Multiple pack sizes available on request.

TYPICAL PROPERTIES

PROPERTY	METHOD	68	100	150	220	320	460	680	1000
Density at 29.5 °C, g/ml	ASTM D-4052	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Viscosity at 40 °C, mm ² /s	ASTM D-445	69.6	102	156	236	320	460	680	1000
Viscosity at 100 °C, mm ² /s	ASTM D-445	11.3	14.6	19	25	32	44	65	80
Viscosity index	ASTM D-2270	158	147	132	132	135	155	155	155
Flash point, COC, °C	ASTM D-92	240	240	248	248	248	250	255	265
Pour point, °C	ASTM D-97	-48	-45	-42	-42	-42	-30	-20	-18
Copper corrosion	ASTM D-130	1b	1b	1b	1b	1b	1b	1b	1b
Timken OK load, lb	ASTM D-2782	75	75	75	85	85	85	80	80
FZG test	DIN 51354/2	>13	>13	>13	>13	>13	>13	>13	>13
Foam test, Seq. I / II / III	ASTM D-892	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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.