



## JETTA PAO Gear Oils

### Description

Fully synthetic, heavy duty industrial gear oils formulated from the highest quality polyalphaolefin (PAO) base fluids. They are intended for use in enclosed gears operating under adverse loads, temperatures and where EP is required. A variety of eight viscosity grades, all with excellent VI's, these oils cover a wide range of operating temperature and load conditions, fortified with the modern compensatory thermostat action.

### Applications

- Spur, helical, bevel and worm gear drives.
- Agitator drives
- Centrifuge gear boxes
- Extruder reducers.
- Plain and roller contact bearings.
- Circulating and splash lubricated systems
- Mist systems

### Cost Saving Benefits

- Reduced downtime due to extended change intervals.
- Dramatically reduces the noise level in a gear system. This prevents scuffing, scoring, galling, pitting and scraping.
- Retains a fine film on the metal surface regardless of how thoroughly it is wiped away.
- Wide temperature range -50F to +250F, depending on grade chosen.
- Longer life than conventional oils.
- Intended for heavy-duty extreme pressure industrial applications.
- Completely water resistant.

### Performance Levels

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

PROPERTIES	METHOD	UNIT	68	100	150	220	320	460	680	1000
Density at 29.5 °C	ASTMD-4052	g/ml	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Viscosity at 40°C	ASTM D-445	mm <sup>2</sup> /sec	69.6	102	156	236	320	460	680	1000
Viscosity at 100°C	ASTM D-445	mm <sup>2</sup> /sec	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	ASTM D-92	°C	240	240	248	248	248	250	255	265
Pour Point	ASTM D-97	°C	-48	-45	-42	-42	-42	-30	-20	-18
Copper Corrosion	ASTM D-130		lb	lb	lb	lb	lb	lb	lb	lb
Timken OK Load	ASTM D2782		75	75	75	85	85	85	80	80
FZG Test, PASS	DIN 51354/2	-	>13	>13	>13	>13	>13	>13	>13	>13
Foam Test	ASTM D-892		Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
- Sequence I			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
- Sequence II			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
- Sequence III			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil