

DOC NO	REV	ISSUED	CLASS
TDS-PAOG150	01	09/2026	Gear Oil • PAO Synthetic

TECHNICAL DATA SHEET

JETTA PAO Gear Oil 150

VISCOSITY 40 °C	VISCOSITY INDEX	FLASH POINT COC	POUR POINT	FZG TEST
156 mm ² /sec	132	248 °C	-42 °C	>13 PASS

DESCRIPTION

Fully synthetic, heavy duty industrial gear oil 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.

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

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.

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

PROPERTIES	METHOD	UNIT	RESULT
Density at 29.5 °C	ASTMD-4052	g/ml	0.85
Viscosity at 40°C	ASTM D-445	mm ² /sec	156
Viscosity at 100°C	ASTM D-445	mm ² /sec	19
Viscosity index	ASTM D-2270	-	132
Flash Point, COC	ASTM D-92	°C	248
Pour Point	ASTM D-97	°C	-42
Copper Corrosion	ASTM D-130		1b
Timken OK Load	ASTM D2782		75
FZG Test, PASS	DIN 51354/2	-	>13
Foam Test	ASTM D-892		Nil
- Sequence I			Nil
- Sequence II			Nil
-Sequence III			Nil

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