

TECHNICAL DATA SHEET

JETTA Gear Oils ED

FZG TEST PASS

12

DESCRIPTION

JETTA Gear Oils ED are high-quality lubricating oils that provide excellent bearing and gear performance. They are formulated with selected high-quality paraffinic base oils blended with selected chemical additives.

PERFORMANCE LEVELS

- AGMA 250.04 (EP)
- David Brown S1.53.101 Table E
- U.S. Steel 224
- DIN 51517 Part 3

COST SAVING BENEFITS

- Excellent load-carrying capacity.
- Outstanding anti-wear properties.
- Excellent oxidation stability.
- Rust and corrosion protection.
- Excellent lubricity and good anti-foam properties.
- Minimizes friction, resulting in reduced bulk oil temperature.
- Effective demulsibility for rapid water separation.
- Resistance to micro-pitting.

APPLICATIONS

JETTA Gear Oils ED are recommended for lubricating enclosed gears in both circulation and splash systems, and particularly for gear sets operating under heavy or shock loads, such as:

- Spur, helical and bevel gear drives
- Bearings and gear couplings
- Worm gears

PROPERTIES	METHOD	UNIT	68	100	150	220	320	460	680	1000
Density at 15 °C	ASTM D-4052	kg/m ³	886	891	896	901	903	908	913	918
Viscosity at 40°C	ASTM D-445	mm ² /s	68.5	98.8	154	223.6	325.6	460	680	1002
Viscosity at 100°C	ASTM D-445	mm ² /s	8.88	11.4	15.3	19.3	24.4	30.4	39.1	55.3
Viscosity index	ASTM D-2270	-	102	99	100	98	96	97	97	106
Flash Point, COC	ASTM D-92	°C	246	252	252	254	256	258	262	269
Pour Point	ASTM D-97	°C	-15	-15	-15	-12	-9	-9	-9	-9
Timken OK Load		lb	60	60	60	60	70	70	70	70
FZG Test, PASS	A/8.3/90	-	12	12	12	12	12	12	12	12