

Mercedes Benz Viscous Fan Clutch

Viscous fan clutch designed for Mercedes Benz vehicles. This component regulates the fan speed based on engine temperature, improving fuel efficiency and reducing noise.



Product Overview

Precision Engine Cooling

This viscous fan clutch is engineered to regulate fan speed dynamically based on engine temperature. By optimizing airflow, it enhances fuel efficiency and significantly reduces operational noise during driving. Its robust construction features integrated cooling fins for superior heat dissipation and a precision-engineered internal mechanism to ensure reliable performance under varying thermal loads.

Technical Specifications

Key Design Features

- Integrated cooling fins for heat dissipation
- Precision-engineered internal clutch mechanism
- Automated engagement based on radiator airflow temperature

Cooling Mechanism

Temperature-sensitive viscous engagement

Performance Benefits

Performance Impact

1 Optimized

Fuel Efficiency Improvement

1 Enhanced

Noise Reduction

Engagement Logic

Temperature-Dependent, Load-Adaptive, Automatic