



Q7 Oil Turbo HD Max - SAE 40: Technical Data Sheet

Product Description

Q7 Oil Turbo HD Max SAE 40 is a high-performance, monograde engine oil engineered for both gasoline and diesel engines. It is formulated with premium mineral base oils and an advanced additive package to provide robust protection against wear, corrosion, and high-temperature deposits.

Key Applications

- **Heavy-Duty Diesel:** Ideal for older commercial trucks, buses, and agricultural equipment.
- **Industrial Use:** Suitable for stationary engines, generators, and construction machinery.
- **Warm Climates:** Specifically designed for use in environments where consistent high operating temperatures are present.

Typical Physical Characteristics

Property	Test Method	Typical Value
Density @ 15°C	ASTM D4052	0.892 g/ml
Kinematic Viscosity @ 40°C	ASTM D445	125 - 149 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D445	13.8 - 15.5 mm ² /s
Viscosity Index	ASTM D2270	98 - 105
Flash Point (COC)	ASTM D92	>220°C
Pour Point	ASTM D97	-15°C to -24°C
Total Base Number (TBN)	ASTM D2896	6.5 - 8.5 mg KOH/g

Performance Standards

- **SAE Grade:** 40
- **API Service:** SF/CD or SN/CF (depending on specific formulation)



Q7 Oil Turbo HD Max - SAE 50: Technical Data Sheet

Product Description:

Q7 Oil Turbo HD Max SAE 50 is a high-quality monograde engine oil formulated with refined mineral base stocks and advanced additives. It is designed for older gasoline and diesel engines, particularly those operating in high-ambient temperature regions.

Physical & Chemical Properties

Property	Test Method	Typical Value
SAE Viscosity Grade	SAE J300	50
Density @ 15°C	ASTM D4052	0.896 g/cm ³
Kinematic Viscosity @ 40°C	ASTM D445	215.0 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D445	18.8 mm ² /s
Viscosity Index	ASTM D2270	98
Flash Point (COC)	ASTM D92	250°C
Pour Point	ASTM D97	-12°C
Total Base Number (TBN)	ASTM D2896	8.5 mg KOH/g

Performance Levels

The Q7 Oil Turbo HD Max SAE 50 typically meets or exceeds the following service categories:

- API Service: CF/SF (or CF-4 in some heavy-duty versions)
- ACEA: E2 (Heavy Duty Diesel)