

Motorcycle Engine

TECHNICAL DATA SHEET

Product Description

ALES PREMIUM 20W50 4T is designed with high-quality synthetic blend base stocks and an advanced additive technology system to provide a high level of protection and performance. It works harder than conventional motor oils by continuously preventing dirt and sludge build-up and reducing engine noise. This product meets the requirements of most manufacturers with naturally aspirated or turbocharged engines, operating in all seasons, and is suitable for vehicles equipped with catalytic converters running on unleaded fuel. It is compatible with modern 4-stroke engines from European, Taiwanese, Japanese, Chinese, and Indian manufacturers.

Features & Benefits

- Superior protection against viscosity and thermal breakdown.
- Excellent detergency and dispersancy.
- Superior sludge protection for greater engine reliability.
- Enhanced wear protection and improved engine cleanliness.

Specifications

ALES PREMIUM 20W50 4T meets or exceeds following International and Builder specifications:

- API 4T SL, SL, SJ, CF
- JASO MA

Typical Characteristics

ALES PREMIUM 20W50 4T	Test Method	Units	20W-50
Density @ 15 °C	ASTM D 4052	gm/cc	0.890
Viscosity @ 100 °C	ASTM D 445	cSt	20.1
Viscosity @ 40 °C	ASTM D 445	cSt	176
Viscosity Index	ASTM D 2270	-	125
Pour Point	ASTM D 97	°C	-24
Flash Point (COC)	ASTM D 92	°C	236
Total Base Number	ASTM D 2896	mg KOH/g	7.8
Phosphorous	ASTM D 4951	% wt	0.098
CCS Viscosity	ASTM D 5293	cP	7560 @ -15 °C

The above figures are typical of blends with normal production tolerance and do not constitute a specification.