Technical Data Sheet

Shell Advance *4T AX3 20W-40 (SG/MA)*

Mineral 4 Stroke Motorcycle engine oil

Shell Advance 4T AX3 and AX3 ColdStart are our basic-tier 4 stroke motorcycle engine oils. It is made up of quality mineral base oil and motorcycle-specific additive pack with Active Cleansing Technology.
The unique Active Cleansing Agent helps to cleanse and keep the motorcycle engine clean. A clean engine helps provide better engine efficiency, performance and protection.
Shell Advance 4T AX3 four-stroke motorcycle engine oil meets the requirements of most motorcycle manufacturers.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- Protects & prolongs engine life
- Assists reliable cold starts of the engine (AX3 ColdStart ONLY)

Technology:

Shell Active Cleansing Technology helps prevent dirt particles sticking together to form deposits.

Main Applications

Standard air and water-cooled four stroke motorcycle engines with integral gearboxes and wet-type clutch assembly. AX3 ColdStart is recommended for use under low ambient temperature to enable easy engine starting.

Specifications, Approvals & Recommendations

The product is available in different viscosity grades:

- AX3 ColdStart: SAE 5W-30,10W-30
- AX3: 15W-40, 20W-40, 20W-50

All the formulations exceed the following international specification:

- API SG
- JASO MA

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties			Method	Shell Advance 4T AX3
SAE Viscosity grade				20W-40
Kinematic Viscosity	@40°C	mm^2/s	ASTM D445	117
Kinematic Viscosity	@100°C	mm^2/s	ASTM D445	14.5
Viscosity Index			ASTM D2270	110
Density	@15°C	kg/m^3	ASTM D4052	885
Flash Point (COC)		°C	ASTM D92	240
Pour Point		°C	ASTM D97	-24

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

- **Health and Safety**

Shell Advance 4T AX3 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from http://www.epc.shell.com

- **Protect the Environment**

  Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- **Advice**

  Advice on applications not covered here may be obtained from your Shell representative.