



Shell Advance 4T AX3 20W-50

4 Stroke Motorcycle engine oil

Shell Advance 4T AX3 with R.C.E. Technology is an ideal lubricant for underbones, mopeds and small engine motorbikes with small, hot running, hard working engines that require reliable oil performance for continuous protection.

Shell Advance's R.C.E.* Technology helps your bike perform to its peak potential, making it responsive to your slightest touch.

*R.C.E. Technology is designed to deliver:

1. Increased oil performance Reliability by helping to remove deposits and maintain oil viscosity to give superior engine protection.
2. Advanced Control by smoothing clutch engagement and preventing slippage.
3. Enjoyable ride by reducing vibration and damping engine noise.

Shell Advance 4T AX3 offers high oil performance reliability to help protect and clean your engine between oil changes.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

■ Oil Performance Reliability

Conventional technology lubricant with special oil formulation to keep oil viscosity in-grade.

Enhanced wear protection actions valve train wear.

Enhanced cleanliness prevents sludge and engine deposit formation.

■ Enhanced Control

Smooth clutch and superior gearbox operation; optimised viscometrics for smoother clutch engagement and gear changes.

■ Enjoyable Ride

Reduced vibration and engine noise; selected viscometrics to dampen vibration and reduce noise.

Main Applications



- Underbones, mopeds and small engine motorbikes with air-cooled four-stroke motorcycle engines, including those with integral gearboxes and wet clutches.
- Motorcycle gearboxes that must be lubricated by engine oils, including some gearboxes present in two-stroke bikes and scooters.

Specifications, Approvals & Recommendations

- API: SG
- Jaso: MA
- Shell Advance 4T AX3 exceeds the requirements of all Japanese, European, Indian and Chinese underbone and moped manufacturers.

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

Typical physical characteristics

Properties			Method	Shell Advance 4T AX3
SAE Viscosity grade				20W-50
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	161
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	18.1
Viscosity Index			ISO 2909	120
density	@15°C	kg/m ³	ASTM D4052	890
Flash Point (COC)			ISO 2592	240
Pour Point			ISO 3016	-30

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 Material 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.