

Measure M in process

Measure no. US 10850848-02	Subject Summary of permissible engine oils	
Status date (mm/dd/yy) 8/9/07	Status Accepted	PQM Problem reference
Date created (mm/dd/yy) 8/9/07	Created by Carsten Gruetzmacher	Organization US, MOT
Release date (mm/dd/yy)	Approved by	Dealer release Allow automatic release

Vehicles affected

E series 247/85 247/85RT 247E 247E/87 247E/88 247E/91 259 259/E 259/RS 259/RT 259C 259C/02 259C/03 259E 259R 259S BOUT C1 E169 E169/MU K14 K14/02 K15 K25 K25/02 K25/03 K25/HP K26 K26/02 K27 K28 K29 K30 K40 K41 K43 K43/HV K44 K569 K589 K589/03 K589/96 K589/96RS K589/RS K589/VV K71 R13 R21 R22 R259 R28	Engine	Body
Production period (from/to) (mm/dd/yy) /	Comment on production period	Feedback (all cases relating to measure up to) (mm/dd/yy)

Complaint

-

Cause

-

Measure

In the enclosure, you will find a multilingual summary of the use of engine oils in BMW motorcycles, categorised by engines with dry and wet clutches.

Internal note**Fault**

Fault location	Nature of fault	Condition
Drive, Engine	Visual	Engine operation

Defect

8/22/2007

All opposed twins and older K models (dry clutch)			
Temperature range	Viscosity range	Additive	Comment
- 20°C to + 20°C	5 W x	x ≥ 30	Winter operation
- 10°C to + 30°C	10 W 40		For low temperatures
0°C to above 30°C	15 W x 20 W x	x ≥ 40	
- 20°C to above 30°C	5 W x 10 W x	x ≥ 50	High-grade and synthetic oils
Oil specifications for all opposed twins and older K models (dry clutch):			
API SF, or better (SG....)			
ACEA A2, or better (A3...)			

K4X, K7X, 650cc models (wet clutch)			
Temperature range	Viscosity range	Additive	Comment
- 20°C to above 30°C	10 W 40		Winter operation
- 10°C to above 30°C	15 W 40		
Oil specifications for K4X, K7X and 650cc models (wet clutch):			
API ≥ SF and API ≤ SH, (oil grades ≥ SJ are not approved for the clutch): use mineral oils only. Oil additives can have a negative effect on clutch operation and are not recommended.			
Exceptions: Oils specifically named as approved by BMW Motorrad, see below:			
Castrol GPS (10W-40); semi-synthetic			
Castrol Power 1 4T 10W-40; semi-synthetic (≠ 10W-50, ≠ 5W-40 !)			
(also branded as: Power 1 GPS 4T 10W-40)			