

Service-Information Motorcycle



BMW of N.A.
Service Department

Group: 00
Maintenance
and General
Hints

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00 042 86
(2197)

For USA Only

SAE 80W90 Multi-grade Gear Oil for Gearbox,
Swing Arm, and Rear Drive -- All Models

Information: In the past we recommended gear box oil
as follows:

-- SAE 90 for temperatures above 41°F.

-- SAE 80 for temperatures below 41°F.

In addition to the viscosity ratings already
approved (above), we are now able to recom-
mend multi-grade oil with the following
viscosity rating:

SAE 80W90

Important: Use only oils in API class GL5 or with
MIL-L-2105 B or C classification. Oils
in a lower API class may cause stiff gear
changing action, worn gears, or dogs.

Multi-grade oils with a higher viscosity
have not been tested, as there is no need
because the recommended range will cover
all temperatures.

Very truly yours,

BMW OF NORTH AMERICA, INC.

A handwritten signature in cursive script, appearing to read 'Richard Dampf'.

Richard Dampf
National Technical Manager
Motorcycle Group

RD:ch/066