

SMX



DESCRIPTION

Castrol SMX is a specially developed manual transmission fluid formulated to meet the complex needs of the latest transmission designs. It is blended from specially selected synthetic fluids and mineral base oils and contains stable viscosity improvers and anti-oxidants. The resulting multigrade gear oil has excellent low temperature fluidity while maintaining its performance under the severe operating conditions of high speed and high temperatures. Castrol SMX contains a specifically developed load carrying and anti-wear additive system designed to provide optimum performance in manual transmission applications.

APPLICATION

Castrol SMX has been developed to provide correct lubrication of manual gearboxes while solving the conflicting problems of low temperature gearshift difficulties and high temperature/high speed operating noise and wear. These operating difficulties have arisen in modern high performance passenger car gearboxes and to a significant extent in many current 5-speed transmissions. The product is applicable to all manual transmissions except those employing a hypoid gear train where a product of API Service GL5 is recommended by the manufacturer.

For all transmissions which require a GL4 product without special OEM approval.

PERFORMANCE

API GL4
MIL-L- 2105A
Ford (Europe) ESD M2C 175A
Opel B 040 1043

TYPICAL CHARACTERISTICS

SAE Viscosity Rating	75W-90
Density at 20°C	0.880
Viscosity at 40°C, mm ² /s	83
Viscosity at 100°C, mm ² /s	16.5
Viscosity Index	200
Flash Point (open) °C	222
Pour Point °C	-33

Health and Safety information sheets are available for all Castrol products from the address below.

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