



ATOM CHEMICALS

AC-2003

PASSENGER CAR MOTOR OIL

An engine oil additive with diverse formulation for various API levels from SB/CB to SF/CD. With additional booster **AC-2003B** incorporation, the product can meet up to SL/CF.

Application

AC-2003 has been designed for formulating premium quality PCMO's. Performance has also been established against a wider viscosity range including the most demanding SAE 10W-40. In addition to the individual core products designed to meet key market profiles, AC-2003 is there to cover all of these profiles at different treat rates in a simple cascade scheme.

Recommended Dosage

Performance Level	Treat recommendations, %wt.
	AC 2003
SC/CC	2.7
SD/CC	3.3
SF/CC	3.6
SF/CD	4.0
SF/CF	4.6
SG/CD	4.2 + 0.9% AC 2003B
SJ/CF	4.2 + 1.6 AC 2003B
SL/CF	5.3 + 2.0 AC 2003B
SM	5.5 + 4.0 AC 2003B

Typical Characteristics. AC-2003

Characteristics	Typical Value
Appearance	Brown Viscous Liquid
Density @ 15°C, g/cu.cm	1.033
Viscosity @ 100°C, cSt	85
Flash Point, COC, °C	135
Pour Point, °C	-18



ATOM CHEMICALS

AC-2003

PASSENGER CAR MOTOR OIL

Calcium, % weight	4.3
Zinc, % weight	1.98
Phosphorus, % weight	1.8
Nitrogen, % weight	0.54
TBN, mg KOH/gm	123

Typical Characteristics. AC-2003B

Characteristics	Typical Value
Appearance	Dark Brown Viscous Liquid
Density @ 15°C, g/cu.cm	0.936
Viscosity @ 100°C, cSt	150
Flash Point, COC, °C	145
Pour Point, °C	-12
Molybdenum %wt	0.60
Nitrogen, % weight	1.54
TBN, mg KOH/gm	40

Storage & Handling.

Recommended maximum blending temperature is 60°C. For best results in blending, add first VI Improver and then DDI packages.

Packaging.

200 Ltr drum
Bulk ISO



Progress to Zero Emissions