



CHEMPOL 63011

Gasoline Engine Oil Additive

PRODUCT DESCRIPTION

CHEMPOL 63011 is a PCMO additive package which has been designed to deliver cost effective API SN/SM/SL. Designed to provide robust performance and treat efficiency against passenger cars. When blended with Group II & III base stocks and appropriate viscosity modifiers the performance claims as shown below can be made:

DOSAGE RECOMMENDED (WT%)

Performance level	Dosage
API SN	7.6
API SM	7.28
API SL	7

PRODUCT CHARACTERISTICS

Item	Index	Typical Value	Test Method
Appearance	Brown Viscous Liquid	Brown Viscous Liquid	Visual
Kinematic Viscosity (100°C) mm ² /s	90-120	105	ASTM D445
Density (15°C), kg/m ³	950-990	970	ASTM D4052
Flash Point (COC), °C	≥140	<200	ASTM D92
TBN, mg KOH/g	98-108	103	ASTM D2896
Ca Content, m%	2.67-2.97	2.82	ASTM D5185
Zn Content, m%	1.02-1.14	1.08	ASTM D5185
P Content, m%	0.90-1.00	0.95	ASTM D5185
N Content, m%	0.85-0.95	0.90	ASTM D5291
Mo Content, m%	0.14-0.18	0.16	ASTM D5185
Sulphated Ash	11.2-12.0	11.6	ASTM D874

PACKING, STORAGE AND TRANSPORTATION

Please refer MSDS of this product when storing, shipping, handling and using this product. It is nonflammable, non-explosive and non-corrosive. The highest storage temperature shall not exceed 75°C. For long term storage, the highest temperature shall not more than 45°C. For product details of safety, health and environmental precautions, please refer to the MSDS of this product.