



CHEMPOL 4343

Manual Transmission fluid Additive

PRODUCT DESCRIPTION

CHEMPOL 4343 is a premium grade, non-chlorine, extreme pressure additive system for Manual gear oils. At the recommended treat rate of 4.2 wt% in suitable base stocks, it produces finished gear lubricants meeting API GL-5 service classifications.

At the lower treat rate of 2.1 wt% it will produce finished gear lubricants of a quality suitable for API service classification GL-4. It can be used in grease formulations and industrial applications that require reliable protection under extreme pressure and heavy load conditions.

DOSAGE RECOMMENDED (WT%)

Performance level	SAE Viscosity Grades	Dosage
API GL-5, MT-1	SAE 90, SAE 140, SAE 80W-90, SAE 85W-140	3.8-4.2
API GL-4	SAE 90, SAE 140, SAE 80W-90, SAE 85W-140	2.0-2.1
Greases	----	1.5-4.0
Industrial Lubricants USS 224, AGMA 9005-E02 DIN 51517 Part 3	ALL ISO Grades	1.5

PRODUCT CHARACTERISTICS

Item	Index	Typical Value	Test Method
Appearance	Clear Yellow Liquid	Clear Yellow Liquid	Visual
Kinematic Viscosity (100°C) mm ² /s	3.0-7.0	5.02	ASTM D445
Density (15°C), kg/m ³	970-1050	1010	ASTM D4052
Flash Point (COC), °C	≥100	<150	ASTM D92
S Content, m%	23.8-29.1	26.5	ASTM D4294
P Content, m%	1.17-1.43	1.3	ASTM D5185

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 60°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.