

PETROMIN FOG OIL

Petromin Fog Oil developed from a severely hydro treated straight high quality paraffinic mineral oil and suitable for use in a multipurpose application. It primarily develop where a non-additives oil is required with specific application such as Military, where it can be used in smoke generators, wherever it needed to be characterized by its ability to be dispersed into the air as extremely small particles in the form of a smoke.

It can also be employed to protect engine & engine parts during storage time, as it coat a layer of oil in engine parts.

BENEFITS

- Low volatility.
- Low carbon residues
- Longer service life
- Excellent protection, where it used.
- Meeting required Mutagenicity and Carcinogenicity

APPLICATION

Petromin Fog Oil vaporizes upon heating and condenses when exposed to the atmosphere, producing respirable particles. Troops can be re exposed to fog oil smoke when it uses as a visual obscurant during training or in combat. It exceeds the performance requirements of most International reputed Brands or meet NATO specifications.

PERFORMANCE LEVEL (MEETS)

Corresponding NATO Specs.



PRODUCT DATA SHEET

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
ISO VG	-	22	-
Specific Gravity @ 15 °C	-	0.8498	ASTM D-4052
Viscosity @ 40°C	mm ² /s	21.0	ASTM D-445
@ 100 °C	mm ² /s	4.14	ASTM D-445
Viscosity Index	-	95	ASTM D-2270
Flash Point, COC	°C	183	ASTM D-92
Pour Point	°C	-27	ASTM D-97
Color	-	L 0.5	ASTM D-1500
TAN,	mg KOH/g	0.01	ASTM D-974
Rams bottom carbon	%volume	0.09	ASTM D-524
Product Code		3150	

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

