



AEROSHELL SMOKE OIL

AeroShell Smoke Oil is a hydrocarbon fluid based on Shell Gas-to-Liquid Technology. It is fully saturated with a high degree of iso paraffinic structures.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- Low viscosity
- Can be readily vaporized
- Good low temperature properties
- Fulfils the stringent international pharmacopoeia purity

Main Applications

Smoke oil for use in both piston engine and jet engine powered aviation aerobatic flight displays

Typical Physical Characteristics

Properties			Method	AeroShell Smoke Oil
Colour (Saybolt)			ASTM D156	30
Density	@ 15°C	kg/m ³	ISO 12185	806
Refractive Index	@ 20°C		ASTM D1218	1.45
Viscosity Index			ISO 2909	118
Flashpoint (COC)		°C	ISO 2592	200
Pour Point		°C	ISO 3106	-45
Kinematic Viscosity	@ 20°C	mm ² /s	ISO 3104	19
Kinematic Viscosity	@ 40°C	mm ² /s	ISO 3104	9.8
Kinematic Viscosity	@ 100°C	mm ² /s	ISO 3104	2.7
Aniline Point		°C	ISO 2977	114
Evaporation Loss	22h/107°C	%m	ASTM D927	0.75
Noack Volatility	1h/250°C	%m	ASTM D5800	40
Purity				
Medicinal White Oil			EU Pharm.	Meet
Medicinal White Oil	Latest Version		US Pharm	Meet
Medicinal White Oil	Latest Version		FDA § 172.878	Meet
Medicinal White Oil			FDA § 178.3620 (a)	Meet

Health, Safety & Environment

• Health and Safety

AeroShell Smoke Oil is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from your Shell representative.

• Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- **Advice**

Advice on applications not covered here may be obtained from your Shell representative.