Shell Ondina 919

Shell Ondina Oils are highly refined, non-stabilised, aromatic-free paraffinic or naphthenic white mineral oils complying with the stringent pharmacopoeia purity requirements. Shell Ondina 919 is designated to substitute Shell Ondina 917.

Typical Physical Characteristics

			Ondina 919
Colour (Saybolt)		ASTM D 156	+30
Density at 15 °C	kg/m³	ISO 12185	856
Refractive Index at 20 °C		ASTM D 1218	1,4695
Flashpoint COC	°C	ISO 2592	200
Pour Point	°C	ISO 3016	-15
Sulphur	%	ISO 14596	< 0,001
Dynamic Viscosity at 20 °C	mPa*s	ISO 3104	43,5
Kinematic Viscosity 20 °C 40 °C 100 °C	 mm²/s	 ISO 3104	 51 21 4,0
Carbon Type Distribution C(N) C(P)	 %	 DIN 51378	 35 65
Viscosity-Gravity Constant (VGC)		DIN 51378	0,805
Refractive Intercept (RI)		DIN 51378	1,0431
Aniline Point	°C	ISO 2977	107
Evaporation Loss (22h/107 °C)	%	ASTM D 972	1
Noack Volatility (1 h/250 °C)	%	ASTM D 5800	35
Molecular Weight		ASTM D 2502	360
Carbon Number at 5 % Distill. Point		ASTM D 2887/mod.	C20
Purity Requirements for Medicinal Oils Europ. Pharm. VII, US Pharm. 29; US FDA § 172.878, FDA § 178.3620(a)			pass

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.