

## DURALIFE® WHITE OILS

**Duralife® White oils** are colorless, odorless, tasteless, crystal clear white mineral oils of highest quality and are manufactured by the latest refining process.

### APPLICATIONS:

**Duralife® White oils** with their high purity property are recommended for used in cosmetics, in pharmaceuticals, in plastics as extenders and plasticizers, in textile industry for fiber processing, in rubber industry. They are also suitable for lubricant for drawing, stamping, forming and rolling of aluminum foil used in food packaging.

They comply with FDA 21 CFR 172.878, 21 CFR 178.3570, 21 CFR 573.680, 21 CFR 178.3620(a), 21 CFR 178.3620(b), 21 CFR 178.3740. Depending on viscosity grade, they meet all requirements of National Formulary (NF) or United States Pharmacopeia (USP)

### TYPICAL CHARACTERISTICS

Test	Method	Typical Results						
		W 10	W 15	W 22	W 32	W 46	W 68	W 100
ISO Viscosity Grade		10	15	22	32	46	68	100
API Gravity	ASTM D287	37.75	34.97	32.46	31.14	31.14	30.58	29.85
Specific Gravity @ 15.6°C (60°F)	ASTM D1298	0.836	0.850	0.863	0.870	0.870	0.873	0.877
Viscosity@ 40°C, cSt	ASTM D445	9.0~11.0	12.0~18.0	19.0~27.0	28.0~40.0	41.0~60.0	61.0~80.0	82.0~125.0
Flash Point, °C (°F)	ASTM D92	175 (347)	195 (383)	220 (428)	225 (437)	220 (428)	245 (473)	252 (486)
Pour Point, °C (°F)	ASTM D97	-24 (-11)	-18 (0)	-15 (5)	-15 (5)	-12 (10)	-12 (10)	-12 (10)
Color, Saybolt, min	ASTM D156	+30	+30	+30	+30	+30	+30	+30
White Oil Grade		NF	NF	NF	NF	USP	USP	USP

*The above characteristics are average values based on recent production. Minor variations which do not affect product performance are to be expected in normal manufacture.*

### WARNING:

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children. Don't pollute. Conserve resources. Return used oil and bottle to collection centers.

Reference SDS Number 12037 database on our website at [www.amtecol.com](http://www.amtecol.com) OR scan the code for a direct link

