



## SPECIAL OILS

# ADDINOL WHITE OIL WX 15, WX 32, WX 68

### PRODUCT DESCRIPTION

ADDINOL White Oil WX 15, WX 32 (PARAFFINUM PERLIQUIDUM) and WX 68 (PARAFFINUM LIQUIDUM) are carefully refined mineral oils.

### APPLICATION

#### Pharmaceutical industry

- Preferred as carrier for solid and semisolid constituents
- Highly suitable as basis for ointments and laxatives, capsules and pills

#### Cosmetic industry

- Suitable as basic components for the production of ointments, pastes, hair and skin care, lipstick, baby oils, care and cleaning crèmes

#### Food and packing industry

- Excellent applicability for lubrication of packing machines for food and for machines, which make packing materials
- Fit as absorbents in extraction plants of oil mills
- Coatings for fruits and vegetables, defoamers, eggshell spray, bakery pans and dough dividers, cutters, knives, meat packers' benches, boards, trays, and hooks.

#### Chemical industry

- Excellent suitability as processing and proceeding oil to produce plastic granulates and elastomeric compounds (Polystyrene, EPDM, SBS, SEBS)

### SPECIFICATIONS

Registered according to the requirements of:

- NSF H1, 3H
- Kosher
- Halal

Meet the purity requirements of the following specifications:

- German Pharmacopoeia (DAB)\*
- European Pharmacopoeia (PhEur)\*
- British Pharmacopoeia (BP)\*
- US Pharmacopeia (US)\*
- Food and Drug Administration (FDA)\*  
21 CFR § 178.3620(a)
- Food and Drug Administration (FDA)\*  
21 CFR § 172.878

\* in the respectively valid versions

Fulfils the requirements of:

- Bw-Kode: OY1255 (ISO VG 15)

### DELIVERY

Delivery preferable in drums and 20 l cans.

### CHARACTERISTICS

- Neutral in odour and taste, does not contain aromatic hydrocarbons
- Colourless and transparent
- Stable against environmental influences
- Excellent water displacing and penetrating properties
- Good oxidation stability

### ADVANTAGES AND BENEFITS

- Perfect for pharmaceutical and food industry; physiologically harmless
- No discolourations
- Good colour stability at exposure to heat and light
- Excellent corrosion prevention
- Does not resinify





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## SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		WX 15	WX 32	WX 68	Method acc. to
NSF-H1 registration			147319	156391	156392	
Colour acc. to Saybolt			+ 30	+ 30	+ 30	ASTM D 156
Density	at 15°C	kg/m <sup>3</sup>	844	855	865	DIN 51757
Viscosity	at 20°C	mm <sup>2</sup> /s	35.3	84	224	ASTM D 7042
	at 40°C	mm <sup>2</sup> /s	15.6	32.5	72.5	
	at 100°C	mm <sup>2</sup> /s	3.5	5.7	9.4	
Flash point	COC	°C	187	213	256	DIN EN ISO 2592
Pour point		°C	- 22	- 12	- 12	ASTM D 7346
Neutralisation number		mg KOH/g	0,01	0,01	0,01	DIN 51588-1
Refractive index	at 20°C	nD	1.464	1.470	1.474	DIN 51423
C-distribution	C <sub>A</sub>	wt-%	0	0	0	DIN 51378
	C <sub>N</sub>	wt-%	40	39	35	
	C <sub>P</sub>	wt-%	60	61	65	
Sulphur content		mg/kg	< 10	< 10	< 10	DIN 51400

## ADDINOL - The Experts for High-Performance Lubricants

We at ADDINOL develop and produce more than 600 high-performance lubricants of the new generation. Among these are automotive lubricants for highest demands and pioneering developments for industrial applications. Our customers all over the world benefit from the high and stable quality of our ADDINOL high-performance lubricants, our know-how and the individual customer advisory service of our competent experts. Our company has world wide activities. ADDINOL high-performance lubricants are distributed by more than 120 international partners.

The data given in this product sheet represent our current level of knowledge and experience. Due to the various specific application they do, however, not discharge the user from his own examination. The information provided herein may not be used to derive a legally binding warranty of specific properties or the suitability for a certain purpose of application. Detailed security-concerning and toxicological data as well as security instructions for each product can be taken from the corresponding Material Safety Data Sheets (MSDS). High-performance lubricants from ADDINOL are under continuous development. Therefore, ADDINOL Lube Oil GmbH keeps the right to change technical data in this product data sheet without notification. In case of doubt, please do not hesitate to contact our customers' advisory service.