

**PRODUCT DATA  
SHEET**

# VITOL

WHITE MINERAL OIL PHARMA GRADE



**DESCRIPTION:**

VITOL is a white oil food/pharma grade, with a high purity and paraffinic origin. It has a high degree of refining and is especially suitable for formulations and processes where it comes into direct and indirect contact with food, drugs, personal care, etc.

VITOL is completely free of aromatic hydrocarbons

**It is not a food ingredient.**



**BENEFITS:**

VITOL 070 meets the standards and quality requirements of international pharmacopoeias: European Pharmacopeia, British Pharmacopeia, US Pharmacopeia (USP/NF), CODEX Alimentarius.



✓FDA. 21 CFR 178.3620(a) USA: regulates indirect use in food.

✓FDA. 21 CFR 172.878 USA: regulates direct use in food.

All VITOL products are certified: NSF H1, HX-1, 3H



**APPLICATIONS:**

Pharmaceutical, cosmetic, chemical, food, rubber and plastics industries, Agrochemical, etc. Lubricant of application in machines, molds, tracks or other elements, Molding of bread, bakery, etc. Food paste extrusion machines that process food. Cosmetics in bronzers, creams, lotions, body oils.

Demoulding tablets, capsules, ointments, laxatives. Plasticizer in packaging materials for food, rubbers and thermoplastics. Base of insecticides of low aggressiveness to plants.

CARACTERISTICAS TÍPICAS (*)	NORMA ASTM	VITOL 020	VITOL 022	VITOL 030	VITOL 070	VITOL 100
Densidad a 15 °C	D-1298	0,85	0,85	0,86	0,867	0,87
Color Saybolt	D-156	+30	+30	+30	+30	+30
Viscosidad / cSt a 20 °C	D-445	39	54	80	180	310
Viscosidad / cSt a 40 °C	D-445	16	21	30	70	95
Viscosidad / cSt a 100 °C	D-445	3,8	4,3	5,5	8,8	11,1
Refractive Index	D-1218	1,466	1,466	1,475	1,476	1,476
Flash Point (min)	D-92	185	185	200	112	255
Pour Point (máx.)	D-97	-6	-6	-6	-9	-9
Content in Water (ppm)	D-6304	<20	<20	<20	<20	<20
Polycyclic Aromatic Hydrocarbons	Eur. Ph.	✓	✓	✓	✓	✓
Alkalinity or Acidity	Eur. Ph.	✓	✓	✓	✓	✓
Readily Carbonizable Substances	Eur. Ph.	✓	✓	✓	✓	✓
Solid paraffins	Eur. Ph.	✓	✓	✓	✓	✓

**NOTE:**

Product without colour (Saybolt +30), without odor, or flavor. It exceeds the requirements of the FDA and the US Pharmacopeia (USP) for the neutralization of sulfur compounds, solid paraffins, easily carbonizable substances and residual solvents. VITOL products are classified as non-hazardous products. For more information, refer to the safety data sheets.