

**POWEROIL WHITE OIL PHARMA - 46  
( MINERAL OIL - USP )**

Meets the Requirement of US FDA 21 CFR 172 . 878 , 21 CFR 178 . 3620 ( a ) &  
USP - 32 NF - 27 ( United States Pharmacopoeia ) Standards.

Sr. No.	Characteristics	Unit	Test Method	Typical Data	
				Min.	Max.
1.	Appearance	-	Visual	A colourless, transparent, oily liquid, free from florescence in day light.	
2.	Solubility & Miscibility			Insoluble in water, slightly soluble in ethanol ( 96% ) and miscible with hydrocarbons.	
3.	Color, Saybolt		ASTM D 156	+ 30	-
4.	Kinematic Viscosity at 40 °C	cSt	ASTM D 445	41.4	50.6
5.	Flash Point, ( COC )	° C	ASTM D 92	190	-
6.	Pour Point	° C	ASTM D 97	-	-12
7.	Specific Gravity @ 25 °C	-	USP - 32	0.845	0.890
8.	Acidity or Alkalinity	-	USP - 32	Not more than 0.1 ml of 0.1 M NaOH	
9.	Readily Carbonisable Substances	-	USP - 32	Pass	
10.	Solid Paraffin	-	USP - 32	Pass	
11.	Polycyclic Aromatic Hydrocarbon	-	USP - 32	Pass	

**POWEROIL White Oil Pharma - 46** ( Mineral Oil - USP ) is a high purity USP grade white mineral oil formulated from highly refined hydrotreated low pour point base oils meeting the extreme purity requirements of the United States Pharmacopoeia which ensures the absence of any significant sulfur, nitrogen, oxygen and halogen derivatives or unsaturated substances and aromatics.

**Application :** Used in infinite number of applications which includes medical formulations , ointments , laxatives , repository vaccines , hair oils , hair creams , cosmetics , facial creams and lotions , gelatin capsules , protective coatings for fruits and vegetables , veterinary preparations , egg preservatives etc.

( Version # 5 1<sup>st</sup> October , 2009 )