

PRODUCT DATASHEET IGNITOL WMO 60

Meets the requirements of the following specifications:

- US FDA 21 CFR 172.878 & 21 CFR 178.3620(a), White Mineral Oil.
- USP 40/ NF35 (US Pharmacopoeia/ National Formulary), Heavy Mineral Oil.
- Heavy Liquid Paraffin British Pharmacopoeia and European Pharmacopoeia.

1. Visual - Visual A colourless, transparent, oil liquid free from fluorescence in day light. Practically insoluble in water, slightly soluble in	S.	Characteristic	Unit	Test Method	Typical Data	
liquid free from fluorescence in day light. Practically insoluble in water, slightly soluble in ethanol (96%), miscible with hydrocarbons.2.Colour, Saybolt-ASTM D 156+ 303.Odour-OlfactoryAlmost odourless4.Kinematic Viscosity at 40 °C S.CstASTM D 445/D 704258.062.05.Relative Density at 20 °C SBP/EP0.8200.8906.Specific Gravity at 25/25 °C Flash Point-NF/ USP0.8250.8957.Flash PointOC CASTM D 92228-8.Pour PointOC CASTM D 97-129.Acidity-USPNot more than 1 ml of 0.01N NAOH10.Limit of Polycyclic Aromatic Hydrocarbons-NF/USP/BP/EuP/IP PassPass11.Readily Carbonizable Subsances-NF/USP/BP/EuP/IP PassPass12.Solid Paraffin-NF/USP/BP/EuP/IPPass	No.					Max.
day light. Practically insoluble in water, slightly soluble in ethanol (96%), miscible with hydrocarbons. 2. Colour, Saybolt - ASTM D 156 + 30 3. Odour - Olfactory Almost odourless 4. Kinematic Viscosity at 40 ^O C Cst ASTM D 445/D 58.0 62.0 5. Relative Density at 20 ^O C - BP/EP 0.820 0.890 6. Specific Gravity at 25/25 ^O C - NF/ USP 0.825 0.895 7. Flash Point O _C ASTM D 92 228 -12 9. Acidity - USP Not more than 1 ml of 0.01N NaOH 10. Limit of Polycyclic Aromatic Hydrocarbons - NF/USP/BP/EuP/IP Pass 11. Readily Carbonizable Subsances - NF/USP/BP/EuP/IP Pass 12. Solid Paraffin - NF/USP/BP/EuP/IP Pass	1.	Visual	-	Visual		
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Image: constraint of polycyclic Aromatic Hydrocarbonshydrocarbons.2.Colour, Saybolt-ASTM D 156+ 303.Odour-OlfactoryAlmost odourless4.Kinematic Viscosity at 40 °CCstASTM D 445/D 704258.062.05.Relative Density at 20 °C-BP/EP0.8200.8906.Specific Gravity at 25/25 °C-NF/ USP0.8250.8957.Flash PointOCASTM D 92228-8.Pour PointOCASTM D 97-129.Acidity-USPNot more than 1 ml of 0.01N NaOH10.Limit of Polycyclic Aromatic Hydrocarbons-NF/USP/BP/EuP/IP PassPass11.Readily Carbonizable Subsances-NF/USP/BP/EuP/IP PassPass12.Solid Paraffin-NF/USP/BP/EuP/IPPass						
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3. Odour - Olfactory Almost odourless 4. Kinematic Viscosity at 40 °C Cst ASTM D 445/D 7042 58.0 62.0 5. Relative Density at 20 °C - BP/EP 0.820 0.890 6. Specific Gravity at 25/25 °C - NF/ USP 0.825 0.895 7. Flash Point OC ASTM D 92 228 -12 8. Pour Point OC ASTM D 97 -12 9. Acidity - USP Not more than 1 ml of 0.01N NaOH 10. Limit of Polycyclic Aromatic Hydrocarbons - NF/USP/BP/EuP/IP Pass 11. Readily Carbonizable Subsances - NF/USP/BP/EuP/IP Pass 12. Solid Paraffin - NF/USP/BP/EuP/IP Pass					hydrocarbons.	
4.Kinematic Viscosity at 40 °CCstASTM D 445/D 704258.062.05.Relative Density at 20 °C-BP/EP0.8200.8906.Specific Gravity at 25/25 °C-NF/ USP0.8250.8957.Flash PointOCASTM D 922288.Pour PointOCASTM D 97-129.Acidity-USPNot more than 1 ml of 0.01N NaOH10.Limit of Polycyclic Aromatic Hydrocarbons-NF/USP/BP/EuP/IPPass11.Readily Carbonizable Subsances-NF/USP/BP/EuP/IPPass12.Solid Paraffin-NF/USP/BP/EuP/IPPass	2.	Colour, Saybolt	-	ASTM D 156	+ 30	
4.Kinematic Viscosity at 40 °CCstASTM D 445/D 704258.062.05.Relative Density at 20 °C-BP/EP0.8200.8906.Specific Gravity at 25/25 °C-NF/ USP0.8250.8957.Flash PointOCASTM D 922288.Pour PointOCASTM D 97-129.Acidity-USPNot more than 1 ml of 0.01N NaOH10.Limit of Polycyclic Aromatic Hydrocarbons-NF/USP/BP/EuP/IPPass11.Readily Carbonizable Subsances-NF/USP/BP/EuP/IPPass12.Solid Paraffin-NF/USP/BP/EuP/IPPass	2	Odour		Olfactory	Almost odd	
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70425.Relative Density at 20 °C-BP/EP0.8200.8906.Specific Gravity at 25/25 °C-NF/ USP0.8250.8957.Flash PointOCASTM D 92228-8.Pour PointOCASTM D 97-129.Acidity-USPNot more than 1 ml of 0.01N NaOH10.Limit of Polycyclic Aromatic Hydrocarbons-NF/USP/BP/EuP/IP PassPass11.Readily Carbonizable Subsances-NF/USP/BP/EuP/IP PassPass12.Solid Paraffin-NF/USP/BP/EuP/IP PassPass	4.	Kinematic Viscosity at 40 ^O C	Cst	ASTM D 445/D	58.0	62.0
6.Specific Gravity at 25/25 °C-NF/ USP0.8250.8957.Flash PointOCASTM D 922288.Pour PointOCASTM D 97-129.Acidity-USPNot more than 1 ml of 0.01N NaOH10.Limit of Polycyclic Aromatic Hydrocarbons-NF/USP/BP/EuP/IPPass11.Readily Carbonizable Subsances-NF/USP/BP/EuP/IPPass12.Solid Paraffin-NF/USP/BP/EuP/IPPass		-				
7.Flash PointOCASTM D 922288.Pour PointOCASTM D 97-129.Acidity-USPNot more than 1 ml of 0.01N NaOH10.Limit of Polycyclic Aromatic Hydrocarbons-NF/USP/BP/EuP/IPPass11.Readily Carbonizable Subsances-NF/USP/BP/EuP/IPPass12.Solid Paraffin-NF/USP/BP/EuP/IPPass	5.	Relative Density at 20 ^O C	-	BP/EP	0.820	0.890
7.Flash PointOCASTM D 922288.Pour PointOCASTM D 97-129.Acidity-USPNot more than 1 ml of 0.01N NaOH10.Limit of Polycyclic Aromatic Hydrocarbons-NF/USP/BP/EuP/IPPass11.Readily Carbonizable Subsances-NF/USP/BP/EuP/IPPass12.Solid Paraffin-NF/USP/BP/EuP/IPPass						
8.Pour PointOCASTM D 97-129.Acidity-USPNot more than 1 ml of 0.01N NaOH10.Limit of Polycyclic Aromatic Hydrocarbons-NF/USP/BP/EuP/IPPass11.Readily Carbonizable Subsances-NF/USP/BP/EuP/IPPass12.Solid Paraffin-NF/USP/BP/EuP/IPPass	6.	Specific Gravity at 25/25 °C	-	NF/ USP	0.825	0.895
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9.Acidity-USPNot more than 1 ml of 0.01N NaOH10.Limit of Polycyclic Aromatic Hydrocarbons-NF/USP/BP/EuP/IPPass11.Readily Carbonizable Subsances-NF/USP/BP/EuP/IPPass12.Solid Paraffin-NF/USP/BP/EuP/IPPass			90			
Image: Nach and State Nach and State 10. Limit of Polycyclic Aromatic Hydrocarbons - NF/USP/BP/EuP/IP Pass 11. Readily Carbonizable Subsances - NF/USP/BP/EuP/IP Pass 12. Solid Paraffin - NF/USP/BP/EuP/IP Pass	8.	Pour Point	OC	ASTM D 97		-12
Image: Nach and Machine State Nach and Machine State 10. Limit of Polycyclic Aromatic Hydrocarbons - NF/USP/BP/EuP/IP Pass 11. Readily Carbonizable Subsances - NF/USP/BP/EuP/IP Pass 12. Solid Paraffin - NF/USP/BP/EuP/IP Pass	9	Acidity	_	LISP	Not more than 1 ml of 0 01N	
Hydrocarbons Hydrocarbons 11. Readily Carbonizable - Subsances - NF/USP/BP/EuP/IP 12. Solid Paraffin -	0.	, torany		001		
11.Readily Carbonizable Subsances-NF/USP/BP/EuP/IPPass12.Solid Paraffin-NF/USP/BP/EuP/IPPass	10.	Limit of Polycyclic Aromatic	-	NF/USP/BP/EuP/IP	Pass	
Subsances 12. Solid Paraffin - NF/USP/BP/EuP/IP Pass		Hydrocarbons				
12. Solid Paraffin - NF/USP/BP/EuP/IP Pass	11.	Readily Carbonizable	-	NF/USP/BP/EuP/IP	Pass	
13. Sulphur Compounds - NF/USP/IP Pass	12.	Solid Paraffin	-	NF/USP/BP/EuP/IP	Pass	
1 13. Subnur Compounds - NF/USP/IP Pass						
	13.	Sulphur Compounds	-	NF/USP/IP	Pass	6

IGNITOL WMO 60 – Heavy Mineral Oil – NF/USP/BP/EuPh is a highly pure grade of White Mineral Oil specially formulated from chosen severely hydro treated and highly refined Paraffinic Oils, thus qualifying for the severe requirements stipulated under NF/ United States Pharmacopoeia.