



Document Number:

TDS 112Viscol cc
Reg No: 1987/028096/23
Vat Reg: 4380103046P.O Box 71382, Centurion, 0046
130 Sarelbaard Crescent
Gateway Industrial Park
RooihuiskraalTel: (012) 661 9888
Fax: (012) 661 9882
E-mail: viscol@iafrica.com
Website: www.viscol.co.za**SUBJECT: OIL SPECIFICATIONS****ENVIRONMENTAL & QUALITY MANUAL**
*(in accordance with ISO 9001 & 14001)***ILLUMINATING PARAFFIN**

DESCRIPTION : Viscol Illuminating Paraffin is highly refined light/middle distillate fuel that burns with a large, bright, smokeless flame with a minimum amount of wick charring and free from unpleasant odours. Having a low sulphur content contributes towards bloom control, an opaque deposit that can form on the inside of the lamp glass thereby reducing the illumination characteristic. In heat fuel applications, Viscol Illuminating Paraffin provides maximum heat through clean and efficient combustion where it's low Sulphur content allows for low process or stack exhaust temperatures without cause for concern regarding metal surface corrosion arising from acid dew point.

APPLICATION : Extensively used in wick feed and pressure lamps, stoves, refrigerators and heaters. Viscol Illuminating Paraffin is also used as a solvent in the manufacture of certain paints, varnish, polish, insecticides and weed killers. Due to its purity, it also finds favour in the agricultural sector where it is well suited for grain drying and also satisfies a wide range of commercial and industrial heat fuel requirements such as process air heating, heating of liquids in tanks and firing gas turbines.

BENEFITS :

- Economy and safety in use.
- Burns with a regular, steady, bright flame
- Cleaner wicks and lamp glass.
- No offensive odours.
- Maximum heat output.
- Low sulphur content allowing for lower process/stack exhaust temperatures.

Page: 1/2	Date: 15/12/2011	Supersedes: New	
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<u>CHARACTERISTICS</u>	Gross Calorific Value, kJ/l @ 20 °C, (typ).	36 665
	Density, kg/l @ 20 °C, (typ).	0,7910
	Distillation, °C, (typ).	
	IBP.	165
	50% evap.	200
	90% evap.	222
	FBP.	240
	Flash Point, (Abel) °C, min.	43
	Char Value, mg/kg, max.	10
	Smoke Point, mm, (typ).	25
	Sulphur Content, % m/m, max.	0,1
	Viscosity @ 40 °C, mm ² /s, (typ).	1,07

PERFORMANCE LEVEL CKS 78-1972; BS 2869 C1/C2

Experienced personnel from our Technical Division are available for discussion on all aspects. Recommendations are given in good faith but without warranty. It is the users responsibility to determine the suitability for his/her own use.

Page: 2/2	Date: 15/12/2011	Supersedes: New	
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