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Website: www.viscol.co.za**TDS 098****SUBJECT: OIL SPECIFICATIONS****ENVIRONMENTAL & QUALITY MANUAL**  
*(in accordance with ISO 9001 & 14001)*

## VISCOL VACUUM PUMP OIL

### Description and Characteristics

Vacuum Pump oil has been specifically designed for De Laval in the use of vacuum pumps on milking machines. Vacuum Pump Oil uses premium ashless hydraulic technology designed with the environment in mind. The oil is classified as a Hydraulic ISO 68 ZF and specifically contains a Zinc Free hydraulic additive package. Demulser, PPD and anti-foam additives complete the blend.

### Physical Characteristics

Viscosity at 40°C	Min 55 cSt.	Max 75 cSt.
Viscosity at 100°C	Min 8.2 cSt.	Max 8.7 cSt.
Flash Point	ASTM D92	Min 220°C
Pour Point	ASTM D97	-25°C
Formation of Foam	ASTM D892	
	(5min) min 5/10/5	
	(10min) min 0/0/0	

### Specifications

The product has various specifications of which the most important is that it must be zinc free. The product is also blue in colour for easy identification.

Denison HF-0 to 2 and HF-06  
Cincinnati Machine P68, 69, 70  
ISO 11158  
SAE MS 1004  
GM LS-2Eaton 35VQ25  
DIN 51524 part II  
ASTM D6158  
Bosch Rexroth RE 90220  
Conestoga pump test ISO 20763

**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 user's responsibility to determine the suitability for his/her own use.**

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