



Peak Oil

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TECHNICAL DATA

Milking Machine Oil Hydraulic and Circulatory Fluid



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Milking Machine Oil

Hydraulic and Circulatory Fluid

Premium quality hydraulic and circulatory fluid manufactured from solvent refined mineral oil and incorporating an extremely high performance additive system.

Specifically developed to meet or exceed the very stringent performance specifications that are demanded by the major milking machine manufacturers.

Performance Benefits

- ◆ *Extremely sophisticated additive system meets the highest performance requirements of current equipment manufacturers of both static and mobile plant*
- ◆ *Excellent anti wear protection dramatically reduces mechanical abrasion even under the most severe of operational conditions, greatly reducing the frequency and level of maintenance requirements*
- ◆ *Corrosion, foam and oxidation inhibitors produce an extremely stable lubricant even under the most arduous of working conditions, greatly extending fluid life and substantially reducing maintenance costs*

Performance Specifications

DIN	51524 Part II (HLP)
ISO 11158	HM
Sperry Vickers	I-286-S (Industrial)
AFNOR	NF E 48-603 (HM)
Denison Filterability	TP 02100
US Steel	126 & 127

Health and Safety

The product is mineral oil based and should be handled according to good standards of industrial hygiene. Further detailed information please is available on request

Storage

Drums should be stored on their sides in a clean dry place and protected from extremes of temperature, store >5°C.



Typical Physical Characteristics

Milking Machine Oil	
Specific Gravity @ 15°C	0.878
Viscosity @ 40°C (cSt)	68.0
Viscosity @ 100°C (cSt)	8.80
Viscosity Index	100
Closed Flash Point °C	210
Pour Point °C	-25
ISO Grade	VG 68

Typical Performance Data

Oxidation Stability (TOST) (ASTM-D943)	less than 2.0mgKOH/gm
Load Carrying Capability FZG (A8.3/90)	Load Stage greater than 12
Corrosion Protection. Steel (ASTM-D655 (A & B) Copper (ASTM-D130)	No rust 1a
Demulsibility (ASTM-D1401)	40-40-0 less than 20 min.
Vane Pump Wear Test (Vickers 105C) (Vickers 35VQ 25)	less than 50mg less than 20mg

The information given is correct to the best of our knowledge. It is offered in good faith but without guarantee as the conditions and methods of use of our products are beyond our control.