



Peak Oil

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TECHNICAL DATA

Apollo Range Hydraulic & Circulatory Fluids



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Apollo Range

Hydraulic & Circulatory Fluids

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

Specifically developed to meet or exceed the very stringent performance specifications demanded by major original equipment manufacturers.

Primarily recommended where maximum equipment protection is required when the severest of operational conditions are to be encountered.

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 severest 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*

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.

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.



Typical Physical Characteristics

Apollo	3	5	10	15	22	32	46	68
Specific Gravity @ 15°C	0.834	0.849	0.873	0.866	0.865	0.870	0.878	0.878
Viscosity @ 40°C (cSt)	3.0	5.0	10.0	15.0	22.0	32.0	46.0	68.0
Viscosity @ 100°C (cSt)	-	-	2.40	3.30	4.30	5.40	6.80	8.80
Viscosity Index	-	-	49	75	95	100	100	100
Closed Flash Point °C	105	110	140	160	195	200	205	210
Pour Point °C	-10	-15	-25	-15	-25	-25	-25	-25

Performance Specifications

Din 51524 Part 2 (HLP)
Sperry Vickers I-286-S (Industrial)
Denison Filterability TP 02100

ISO 11158 HM
AFNOR NF E 48-603 (HM)
US Steel 126 & 127

Typical Performance Data

Oxidation Stability Time to TAN 2.0 mgKOH/g	ASTM-D943	1200 Hours
Load Carrying Capability	FZG DIN 51 354	11 Minimum
Vickers Vane Pump Total Mass Loss	DIN 51389 Pt 2	24 mg
Corrosion Protection. Steel Copper	ASTM-D655 A & B ASTM-D130 125°C 3 Hrs	Pass 1a
Demulsibility	ASTM-D1401 @ 54°C	10-15 Mins
Foaming Behaviour	ASTM D892	Sequence 1 0/0 ml/min Sequence 2 0/0 ml/min Sequence 3 0/0 ml/min