



Peak Oil

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TECHNICAL DATA

Typhon Range High Performance Compressor Fluids



Peak Oil

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Typhon Range

High Performance Compressor Fluids

Manufactured from high viscosity index solvent refined base oils and incorporating an extremely sophisticated ash free additive system. Giving a range of truly multifunctional high performance compressor lubricants for use in rotary screw and sliding vane units.

Developed to accommodate the severest of operational conditions, where continuous high air discharge temperatures up to 220°C are encountered. Meeting and exceeding the very stringent requirements imposed by the DIN 51506 VDL standard and ISO 6743 Part 3 classifications.

Performance Benefits

- ◆ *Multifunctional characteristics allows considerable scope for grade rationalisation so offering positive logistical and economical benefits to the end user*
- ◆ *Greatly reduces possible mechanical problems due to lubricant misapplication*
- ◆ *Exceptional resistance to carbon and deposit formation dramatically reduces maintenance frequencies, and minimises the risk of fire or explosion in operation*
- ◆ *Superior anti-wear performance dramatically reduces mechanical abrasion even under the most arduous of operational conditions*
- ◆ *Excellent corrosion, foam and oxidation resistance offers the potential for significantly extending the oil drain periods, when compared to more conventional lubricants*
- ◆ *Significantly reduces downtime and maintenance costs greatly improving operational profits*



Batoyle Freedom Group

Lubricants of Excellence

Typical Physical Characteristics

Typhon	32	46	68	100	150
Specific Gravity @ 15°C	0.872	0.876	0.880	0.886	0.889
Kinematic Viscosity @ 40°C (cSt)	32.0	46.0	68.0	100.0	150.0
Kinematic Viscosity @ 100°C (cSt)	5.40	6.80	8.80	11.20	14.70
Viscosity Index	102	102	102	97	97
Pour Point °C	-15	-15	-15	-15	-10
Closed Flash Point °C	200	205	210	230	240

Health and Safety

These products are 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.



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Compressor Performance Specifications

DIN 51506 VDL	Pass
ISO 6743 Part 3	
ISO-L-DAA Reciprocating (Crosshead and trunk piston)	Pass
ISO-L-DAB	Pass
ISO-L-DAC Rotary Vane (Drip Feed)	Pass
ISO-L-DAG Rotary Vane and Screw	Pass
ISO-L-DAH (oil flooded)	Pass

General Performance Specification

Vickers Vane Pump Test	35-VQ-25	Ring weight loss 15 mg Vane weight loss 15 mg
FZG	DIN 51354/IP334	Pass load Stage 10
Rust Prevention	ASTM D665 A/B	Pass
Oxidation Stability	ASTM D943	>2180 Hours
% Mass CCR Max	DIN 51356	<1 (After Ageing) <0.1 (After Distillation)
Demulsibility	ASTM D1401	40/40/0 (10 Mins)
Foam Tendency	ASTM D892	0 ml (After 10 Mins)
Filterability	Denison HF-0	243 Secs (Without Water) 264 Secs (With Water)

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.