



# HCO Series

**HCO Series** are super quality compressor oils. It is made from 100% hydrotreated base fluid with excellent additives package. SOIL compressor oils are designed for use in air compressors systems where long drain interval and free from deposit formation are desired. The thermal stability and oxidation resistance of these fluid help to maintain cleaner compressors that ensure longer running periods between scheduled maintenance and oil changes. However, proper anti-oxidant properties of this product resist oxidation in all operating temperatures. It also contains the properties of anti-wear and anti-corrosion.

## APPLICATION

**HCO Series** exceed the performance requirements of DIN-51506 Group VDL and ISO DIN- specifications. It is recommended for the following type of compressors: 1. Screw compressor 2. Piston and Reciprocating compressor 3. Vacuum pump compressor 4. Airman, Atlas Copco, IMW, Osaka, Oasis, Makita and any others brand compressor.

## BENEFITS

- Effective anti-oxidation action.
- Minimizes deposit formation.
- Superior anti-wear properties.
- Outstanding anti-rust and anti-frictional properties.
- Rapid water separation from the oil.



## TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS					
		HCO 300	HCO 400	HCO 600	HCO 1000	HCO 1500	HCO 2000
ISO VISCOSITY GRADE	-	32	46	68	100	150	220
Appearance	ASTM D 4176	B & C	B & C	B & C	B & C	B & C	B & C
Color	ASTM D 1500	L 0.5	L 0.5	L 0.5	L 0.5	L 2.0	L 2.5
Density at 30°C gm/ml	ASTM D 4052	0.843	0.857	0.856	0.863	0.872	0.877
Kinematic Viscosity @ 40°C	ASTM D 445	31.41	48.45	69.19	104.29	159.61	221.39
Kinematic Viscosity @ 100°C	ASTM D 445	5.53	7.21	9.23	11.76	15.86	20.56
Viscosity Index	ASTM D 2270	114	108	110	101	102	109
Flash Point °C	ASTM D 92	222	224	244	245	248	272
Pour Point °C	ASTM D 97	-18	-20	-15	-18	-15	-18

Data Sheet



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## PERFORMANCE STANDARDS

- Denison HF-0, HF-1, HF-2
- DIN 51524 Part I (HL) & Part II (HLP)
- AFNOR NF E 48-690(Dry) & 691 (Wet)
- Vickers I-286-S & M-2950-S
- US Steel 126 & 127
- Cincinnati Machine P-68 (ISO 32)
- Cincinnati Machine P-70 (ISO 46)
- Cincinnati Machine P-69 (ISO 68)
- General Motor LH-04-1
- General Motor LH-06-1
- General Motor LH-15-1
- Sauer Danfoos
- Rexroth
- Bosch variable vane pumps
- Commercial Hydraulics (Except silver coated PM-500 series)
- JCMAS HK
- FZG A/8.3/90 Load test (DIN 51354) at 12th stage level



Data Sheet



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