BELL 1 COMPRESSOR OIL

Product Description:

Bell 1 Compressor Oils are hydro-treated based fluids with designed for use in air compressors and high temperature circulating systems where freedom from deposit formation is desired. Formulated from highly refined hydrocracked base stocks, Bell 1 Compressor Oils is resistant to oxidation, thereby minimizing the formation of acidic oxidation products that can lead to system corrosion and reduced oil life. The naturally high viscosity index of the base fluid provides stable viscosity characteristics and maintaining a tough fluid film, even at high operating temperatures.

Bell 1 Compressor Oil, incorporating the latest technology, will allow the oils drain interval up to 4000 hours with normal operating temperature. In more severe application, it will provides up to 800 hours with operating temperature above 100°C. This has been proven in a wide range of compressor types, operating under harsh conditions. Bell 1 Compressor Oils extended 1 to 2 times longer than ordinary compressor oil life.

Applications / Benefits:

- Effective detergent action.
- Minimizes deposit formation.
- Superior anti-wear properties.
- Resists oxidation.

Typical Characteristics:

Test Description	Method					
ISO Viscosity Grade	-	**32**	**46**	**68**	**100**	**150**
Specific Gravity @ 15 ºC	ASTM D 4052	0.858	0.862	0.866	0.870	0.885
Flash Point, ºC	ASTM D 92	218	226	230	240	242
Pour Point , ºC	ASTM D 97	-27	-27	-27	-21	-18
Kinematic Viscosity, cSt @ 40ºC	ASTM D 445	32	46.3	65.6	99.5	148
cSt @ 100ºC	ASTM D 445	5.4	6.8	8.5	11.5	14.5
Viscosity Index	ASTM D 2270	103	100	99	103	96
Color	ASTM D 1500	<0.5	<0.5	<0.5	<0.5	<2.0

Specifications, Approvals & Recommendations:

- DIN 51506 VDL specifications
- Suitable for following type of compressors: (1) Screw Compressor; (2) Piston and Reciprocating Compressor; (3) Vacuum Pump Compressor; (4) Airman; and (5) Other Japanese Brand Compressor.

*Service hours values may differ according to operating parameters and temperatures, including maintenance status of the compressor.

Product Data Sheet