

iCOMP VDL

32, 46, 68, 100, 150, 220

COMPRESSOR OILS - MINERAL

BULWARK iCOMPRESSOR VDL OILS are high quality mineral compressor oils designed to meet the latest lubricant requirements for modern oil-filled high-power air and/or natural gases screw, rotary and piston type compressors from leading manufacturers working on light as well as heavy duty operations. They are manufactured using premium quality solvent refined base stocks and highly effective additive packages to ensure good protection against oxidation, wear, foaming and possess good seals compatibility. The oils also help to reduce sludge formation in compressor discharge lines.

BULWARK iCOMPRESSOR VDL OILS possess excellent performance capabilities enabling compressor operation over wide operating temperature range in severe conditions. Suitable for use in air and/or natural gases screw, rotary and piston type compressors with maximum temperature of final compression stage up to 220°C (at fitting) and in circulation systems operating at elevated temperatures. Also recommended in circulation systems for lubrication of plain and rolling bearing. A wide range of ISO viscosity grades (ISO VG 32-220) helps in choosing an optimal solution for various compressors considering their operating conditions and duty cycle as per OEM recommendations.

Note: This product can be used as Zinc-free Hydraulic Oils in certain applications

PERFORMANCE LEVEL*

- DIN 51506 (VDL)
- ISO 6743

KEY BENEFITS

- Suitable for use in multiple type compressors – air, natural gas, screw, rotary & piston type of compressors
- Excellent protection against oxidation, wear and foaming
- Possesses excellent seal compatibility

TYPICAL CHARACTERISTICS**

Properties	Test Methods	32	46	68	100	150	220
Density at 29.5°C kg/m ³	ASTM D4052	0.878	0.878	0.882	0.887	0.891	0.897
Kinematic viscosity at 100°C, cSt	ASTM D445	5.25	6.81	8.64	11.62	14.95	19.17
Kinematic viscosity at 40°C, cSt	ASTM D445	30.75	46.7	68.2	107.8	159.1	227.7
Flash Point, COC, °C	ASTM D92	224	232	242	246	248	262
Pour Point, °C	ASTM D97	-39	-39	-36	-30	-27	-27
Form Tendency/ Form Stability	ASTM D892						
Seg I		0/0	0/0	0/0	0/0	0/0	0/0
Seg II		0/0	0/0	0/0	0/0	0/0	0/0
Seg III		0/0	0/0	0/0	0/0	0/0	0/0
Copper Corrosion (3hrs at 100°C)	ASTM D130	1a	1a	1a	1b	1b	2a

* Performance levels indicated may include licensed API specs or specs that our products meet or exceed

** Typical Characteristics are typical values. Minor variations within the permissible tolerance limits maybe expected on the final product.

STORAGE

All packages should be stored under cover. Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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