

CORVETTE® REGINA VDL COMPRESSOR OILS

DESCRIPTION:

CORVETTE REGINA VDL is a high-quality non-detergent mineral-based oil formulated from highly refined, high viscosity index base stocks and high-performance additives with ashless chemistry, to provide satisfactory lubrication under prolonged high temperature and load conditions in single and multistage reciprocating air compressors.

APPLICATION:

CORVETTE REGINA VDL range is recommended for the lubrication of:

- High-pressure, high-performance reciprocating single or multistage air compressors. It is suitable for reciprocating compressors where air discharge temperature goes as high as 220°C.
- They can also be used in other industrial pneumatic applications that are not suitable for breathing air or oxygen compression.

BENEFITS:

- Maximum lubrication and components protection
- Reduced energy costs by optimizing compressor efficiency
- Prevents rust formation, carbon build-up, and varnish problems
- Excellent anti-foam properties
- Improved equipment reliability, availability, and efficiency
- Low ash and carbon forming tendency ensures improved valve performance
- Reduced potential for fires and explosions in the discharge systems
- Superior demulsibility reduces oil carryover and corrosion and maintains lubrication efficiency

Specifications

CORVETTE REGINA VDL oils meet the requirements of:

- DIN 51506 VDL
- ISO 6521-DAA/DAB

Typical Physical Characteristics

CORVETTE REGINA VDL	Unit	Method	32	46	68	100	150
ISO Oil Type/Grade		DIN 51506	VDL	VDL	VDL	VDL	VDL
Kinematic Viscosity		ASTM D 445					
@40°C	cSt	-	32.00	46.00	68.00	100.0	150.0
100°C	cSt	-	5.43	6.8	8.72	11.25	14.80
Viscosity Index	-	ASTM D 2270	104	102	100	98	98
Density @ 15°C	kg/l	ASTM D 1298	0.875	0.879	0.886	0.891	0.895
Flash Point (COC)	°C	ASTM D 92	210	220	230	240	240
Pour Point	°C	ASTM D 97	-15	-12	-12	-12	-9
Conradson Carbon (Max.)	%wt.	ASTM D 189	<1	<1	<1	<1	<1

- These characteristics are typical of current production. Whilst future production will conform to CORVETTE specifications, variations in these characteristics may occur.
- For further guidance on Product Health & Safety refer to the appropriate CORVETTE Product Safety Data Sheet.
- Dispose of the used oil to an authorized collection point. Do not discharge into drains, soil, or water.

