



# SHELL CORENA<sup>®</sup> OILS K

## Compressor cylinder lubricants

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### Product Description

Shell Corena<sup>®</sup> Oils K are premium quality compounded cylinder lubricants specifically formulated for wet gas or hydrocarbon gas compressors. They contain polar or fatty oils which enable the lubricant to resist being washed off cylinder walls by the action of wet air or gas. Shell Corena<sup>®</sup> Oils K also resist the solvent action of hydrocarbon gases such as propane and butane, as well as certain organic chemicals such as ketones and aldehydes.

### Applications

- reciprocating compressors having separate cylinder lubrication systems
- compression of wet air, wet hydrocarbon, natural gas or certain chemically active gases
- pressures below 1000 psi (Shell Corena<sup>®</sup> K 100, Shell Corena<sup>®</sup> K 150)
- pressures above 1000 psi (Shell Corena<sup>®</sup> K 460)
- bearings and machine parts of equipment requiring compounded products

**These oils should not be used to lubricate the running gear or crankcases of compressors as the fatty oil can separate from the lubricant, forming deposits on the surfaces of the crankcase and plugging oil passages.**

### Features/Benefits

- resistance to wash-off by wet air or gas
- lubricity in areas where water is present
- resistant to wash-off through chemical solvent action by certain hydrocarbon gases
- resistant to wash-off through chemical solvency by certain organic chemicals

## Typical Properties of Shell Corena® Oils K

	Test Method	ISO Viscosity Grade			
		68	100	150	460
Product Code		65518	67115	65519	67118
Gravity, °API	D 1298	28.3	27.9	26.8	25.5
Viscosity: @ 40°C, cSt @ 100°C, cSt @ 100°F, SUS @ 212°F, SUS	D 445 D 445 (calc) (calc)	72.8 9.32 377 57.7	95.0 11.0 495 63.9	139 14.4 728 77.2	413 28.4 2210 140
Viscosity Index	D 2270	104	100	102	95
Flash Point, COC, °F	D 92	480	480	525	590
Pour Point, °F	D 97	15	15	15	15
Copper Corrosion	D 130	1 b	1b	1 b	1b
Neutralization No., TAN-C	D 974	0.4	0.4	0.4	0.4
Carbon Residue Ramsbottom, wt%	D 524	0.3	0.3	0.5	0.5
Aniline Point, °F	D 611	225	230	235	245
Saponification No., mg KOH/g	D 94	15	15	14	14

### Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.shell-lubricants.com/msds/>. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>.