



PRODUCT DATA SHEET

RCS 100 Synthetic Industrial

ISO 100

Code:254

RCS 100 is a synthetic complex, long life, energy conserving compressor oil for reciprocating type air compressors.

SPECIFICATIONS

RCS 100 meets or exceeds the following specifications.

- ISO 100

APPLICATIONS

RCS 100 is suitable for all reciprocating type air compressors especially where extremely arduous service conditions are being experienced.

RCS 100 ensures total reliability for air compressors operating 24 hours per day, 7 days per week.

RCS 100 gives excellent oxidation and high temperature stability that far exceeds that of mineral oils, increased service intervals in excess of 2000 hours, clean operation that keeps all components free from sludge, gums or varnish due to its inherent detergency properties.

RCS 100 allows compressor bearing life to be extended by 2 to 3 times that of mineral oils due to increased film strength, less oil consumption and carry over due to lower volatility compared to mineral oils, increased ability to protect against fire and explosion due to higher autogenous ignition temperature and flash point.

RCS 100 is miscible with mineral oils and other synthetics except glycol based lubricants and compatible with modern seal materials such as teflon, viton, polyurethane, polyacrylates, and Buna N. and separates water condensate more rapidly and completely and reduced energy costs by as much as 7 % compared to mineral oil.

TYPICAL MAIN CHARACTERISTICS

CHARACTERISTICS	ISO 100		
Specific gravity at 15 C	0.865	Density	0.95
Viscosity at 40 C, mm ² /s (cSt)	97	C.C, Residue %	0.01
Viscosity at 100 C, mm ² /s (cSt)	9.2		
Pour Point C	-36		
Flash Point C	245		
Ignition Temperature C	407		

PACKAGE SIZE 20 & 205 Litres

Due to continual product research and development, the information contained herein is subject to formulation change without notice.

Values stated are average values only and may vary due to manufacturing tolerances.