

SERVO[®] PRODUCT DATA SHEET

SERVOFRIZ

IndianOil

GRADES AVAILABLE - SERVO FRIZ 12, 22, 32, 46, 68, 100

DESCRIPTION

Servofriz oils are high quality mineral lubricants formulated for the lubrication of reciprocating and rotary refrigeration compressors.

These oils possess inherent resistance to oxidation and deposit formation.

PERFORMANCE BENEFITS

- Possess high fluidity at very low temperatures
- Resist deposit formation thereby keeping compressor parts clean
- Reduce compressor valve maintenance due to less deposits
- Ensure high condenser efficiency
- Have long service life due to high oxidation and thermal stability
- Have reduced tendency to foam
- Minimise copper plating due to their resistance to interact with metals in the system

APPLICATION

Servofriz oils are recommended for the lubrication of a wide range of refrigeration compressors. These oils can be used with conventional refrigerants, except sulphur di-oxide, in both reciprocating and rotary compressors.

They are also suitable for use in properly designed and well maintained refrigeration systems, where evaporator temperatures are lower than the pour point of the oil.

PERFORMANCE STANDARDS

Servofriz oils meet the following specification:

- IS : 4578-1989
- Servofriz 68 meets Carrier Corporation, USA specification No. PP 46-1

MANUFACTURERS APPROVAL

Servofriz oils are approved by the leading refrigeration compressor manufactures, such as:

- Bharat Heavy Electricals Ltd., Hyderabad
- Bharat Pumps and Compressors Ltd., Naini
- Frick India Ltd., Faridabad

CHARACTERISTICS

ISO VG	12*	22	32	46	68	100
Kinematic Viscosity, cSt @ 40 °C	12-14	20-24	33-35	43-46	63-65	90 - 100
Flash Point (COC), °C Min.	140	150	154	160	170	200
Pour Point, °C Max.	(-) 39	(-) 45	(-) 30	(-) 27	(-) 24	(-) 24

* Non ISO VG

HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

Technical Services Dept., Indian Oil Corporation Ltd., G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai – 400 051

E-Mail: tservices@indianoil.co.in OR tech_services@indianoil.co.in