

DISYN Series (32-68)

Descriptions

TACBECON DISYN Series are synthetic diester based compressor oils specifically designed to provide long term lubrication for all kinds of compressor and vacuum pump.

Ester based oils have good polarity and solvency, with excellent resistance to sludge and varnish build-up. It provides better lubricity, cleaner operation and reduces cost for machine spares.

With excellent oxidative stability, the oils can operate with extended oil drain interval.

Applications

TACBECON DISYN series compressor oils are commonly used in oil-flooded rotary screw and rotary vane compressors; axial and centrifugal compressors.

They can also use in applications that require high oxidation resistant lubricants.

Compatibility

TACBECON DISYN series compressor oils are NOT recommended to use with the following seals, paints and plastics.

- Neoprene, SBR Rubber, Low Nitrile Buna N
- Acrylic Paint, Lacquer
- Polystyrene, PVC, ABS.

Product Features

- Diester synthetic compressor oil.
- Excellent oxidation stability.
- Good lubricity.
- Cleaner operation.
- Extended oil drain interval.

Cautions

- Do not mix with other lubricants (unless stated).
- Fill oil to required level.
- Handle hot oil with care.
- Drain used oil completely during oil change.

Packaging Size

18-liters Pail
208-liters Drum

Typical Property	Test Method	DISYN 32	DISYN 46	DISYN 68
ISO viscosity grade	-	32	46	68
Oil viscosity @40°C, cSt	ASTM D 445	29.8	45.8	66.8
Oil viscosity @100°C, cSt	ASTM D 445	5.8	6.6	8.0
Pour point, °C	ASTM D 97	-40	-40	-40
Flash point, °C min	ASTM D 92	255	255	255
Copper corrosion	ASTM D 130	1a	1a	1a
Evaporation rate, %	ASTM D 972	< 1.0	< 1.0	< 1.0
Demulsibility @54°C oil/water/emulsion, ml (min)	ASTM D 1401	39/37/4 (15)	39/38/3 (15)	40/37/3 (15)
Fourball wear scar, mm	ASTM D 4172	0.7	0.7	0.7
Specific gravity @15.6°C	ASTM D 1298	0.95	0.95	0.95

The information is believed to be accurate but is furnished upon the express condition that the customer or user shall make its own assessment to determine the product suitability for a particular purpose. Before using any chemical, please read its label and Material Safety Data Sheet.

DISYN Series (100-150)

Descriptions

TACBECON DISYN Series are synthetic diester based compressor oils specifically designed to provide long term lubrication for all kinds of compressor and vacuum pump.

Ester based oils have good polarity and solvency, with excellent resistance to sludge and varnish build-up. It provides better lubricity, cleaner operation and reduces cost for machine spares.

With excellent oxidative stability, the oils can operate with extended oil drain interval.

Applications

TACBECON DISYN series compressor oils are commonly used in cylinder and frame lubrication of reciprocating compressors; and rotary vane vacuum pumps as well.

They can also use in applications that require high oxidation resistant lubricants.

Compatibility

TACBECON DISYN series compressor oils are NOT recommended to use with the following seals, paints and plastics.

- Neoprene, SBR Rubber, Low Nitrile Buna N
- Acrylic Paint, Lacquer
- Polystyrene, PVC, ABS.

Product Features

- Diester synthetic compressor oil.
- Excellent oxidation stability.
- Good lubricity.
- Cleaner operation.
- Extended oil drain interval.

Cautions

- Do not mix with other lubricants (unless stated).
- Fill oil to required level.
- Handle hot oil with care.
- Drain used oil completely during oil change.

Packaging Size

18-liters Pail
208-liters Drum

Typical Property	Test Method	DISYN 100	DISYN 150
ISO viscosity grade	-	100	150
Oil viscosity @40°C, cSt	ASTM D 445	98.8	155
Oil viscosity @100°C, cSt	ASTM D 445	10.6	13
Pour point, °C	ASTM D 97	-30	-30
Flash point, °C min	ASTM D 92	255	255
Copper corrosion	ASTM D 130	1a	1a
Evaporation rate, %	ASTM D 972	< 1.0	< 1.0
Demulsibility @54°C oil/water/emulsion, ml (min)	ASTM D 1401	39/38/3 (<60)	40/37/3 (<60)
Fourball wear scar, mm	ASTM D 4172	0.7	0.7
Specific gravity @15.6°C	ASTM D 1298	0.95	0.95

The information is believed to be accurate but is furnished upon the express condition that the customer or user shall make its own assessment to determine the product suitability for a particular purpose. Before using any chemical, please read its label and Material Safety Data Sheet.