

# Gargoyle Arctic SHC 400 Series

## Synthetic Refrigeration Oils

### Product Description

The Mobil Gargoyle Arctic SHC 400 Series are based upon superior quality synthetic hydrocarbon (alkylbenzene) base fluids. They are wax free and have been formulated to minimise deposit formation in low temperature parts of refrigeration systems. Gargoyle Arctic SHC 426 meets the ISO VG 68 viscosity classification and Gargoyle Arctic SHC 427 the ISO VG 100 viscosity classification.

The Gargoyle Arctic SHC 400 Series are approved by major refrigeration compressor builders.

### Features & Benefits

- Outstanding chemical and thermal stability for resistance to deposit formation and extended oil life
- Excellent miscibility characteristics with refrigerants such as R22 compared to mineral oils
- Reduced maintenance costs due to improved efficiency of operation
- Extremely low evaporator temperatures possible, due to low Floc points
- Fully miscible with conventional mineral refrigeration oils

### Applications

These products may be used in reciprocating and rotary compressors. They have outstanding thermal and chemical stability making them particularly suitable for compressor lubrication. In addition they have excellent miscibility characteristics with refrigerants such as R22 and HCFC blends and can be used for extremely low temperature applications dependent on system design.

Mobil Gargoyle Arctic SHC 400 Series lubricants have a very low foaming tendency. They are fully miscible with conventional mineral refrigeration oils in all proportions and may therefore be used as top up as necessary.

Typical physical characteristics of the Mobil Gargoyle Arctic SHC 400 Series Oils are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications. They may be changed without notice due to continued product research and development.



## Typical Properties

<b>Gargoyle Arctic SHC 400 Series</b>	<b>426</b>	<b>427</b>
ISO VG Classification	68	100
Viscosity, cSt at 40°C	65.1	96.8
Viscosity, cSt at 100°C	6.5	8.1
Flash Point, °C	186	206
Pour Point, °C, Max	-36	-32
HCFC 22 floc, °C	-50	-45

## Precautions

GARGOYLE SHC 400 SERIES is manufactured from high quality synthetic base oil, carefully blended with selected additives. As with all petroleum products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact to skin, splashing into the eyes, ingestion or vapour inhalation. Please refer to our Imperial Oil Material Safety Data Sheet for further information.

Note: This product is not controlled under Canadian WHMIS legislation.

