

# Compressor Oil Mobil Gargoyle Arctic SHC 320 Extends Drain Interval by 4 Times

**Kyungwon Century refrigeration turbo compressor  
DuPont Korea Co.  
Korea  
Mobil customer since 1995**

## Objective

To extend drain interval and reduce maintenance cost.

DuPont is a science company, delivering science-based solutions that make a difference in people's lives in food and nutrition, health care, apparel, home and construction, electronics and transportation.

DuPont Korea's turbo compressor uses Total mineral refrigerant compressor oil. The drain interval of 1,000 hours of operation is unsatisfactorily.

## Solution

Mobil Engineers recommended switching from the existing mineral oil to refrigeration compressor lubricant, **Mobil Gargoyle Arctic SHC 320**.

## Result

After switching to **Mobil Gargoyle Arctic SHC 320**, the drain interval was extended by approximately 4 times. There were also significant reductions in waste oil and maintenance cost.

## Benefits

The calculated annual savings amounted to US\$ 7,120.

