

Idemitsu Daphne Hermetic PAG Lubricants

Use For:

Use Idemitsu's Daphne Hermetic Oil PAGs in automotive air conditioning compressors where CFC (R-12) and HFC (R-134a) are used.

Vehicle Coverage:

Idemitsu Daphne Hermetic Oil (PAG) is designed for use in multiple compressor types including wobble, rotary vane, swashplate and scroll type where CFC (R-12) and HFC (R-134a) are used. Idemitsu has been making application-specific automotive lubricants since 1911. Idemitsu's Daphne Hermetic Oil (PAG) is formulated using the latest synthetic technology which provides superior performance, lubricity, chemical and thermal stability and proper miscibility with today's ozone friendly refrigerants, protecting your compressor while contributing to protecting the environment.

Meets OE Requirements:

Idemitsu Daphne Hermetic Oil (PAG) is approved by leading automotive compressor manufacturers and used by automotive manufacturers worldwide.

Product Attributes:

	PS	FD46XG	PR
ISO Viscosity grade	46	46	100
Density@15°C	1.007	1.9933	1.027
Pour Point, ASTM D 97°C	<-40	<-40	<-40
Flash Point, COC, °C	234	246	244
Viscosity, ASTM D 445, cSt 40° C	44.5	49.5	99.3
cSt 100° C	9.8	10.4	19.6
Viscosity Index, ASTM D 2270	215	210	222
TAN, ASTM D 974, mng KOH/g	0.05	0.11	0.05
Copper Corrosion, ASTM D 130, 3 hr. @100° C	1	1	1
Miscibility: Two Phase, Sep. Temp			
(upper) 3% oil in R-134a, °C	76	64	52
7% oil in R-134a, °C	71	56	47
(lower) All concentrations, °C	<-40	<-40	<-40
Color, ASTM D 1500	L 0.5	L 0.5	L 0.5

Ingredients:

Pag Oil, Other

Part Numbers:

- Idemitsu PAG case (6 x 250ml cans)
- Daphne Hermetic Oil PS #3421025-049
- Daphne Hermetic Oil PR #3420025-049
- Daphne Hermetic Oil FD46XG #3425025-049

