

A-GAS[®]

CAPE TOWN, SOUTH AFRICA



- Leading supplier to the South African foam, refrigeration and air conditioning markets
- Nine bulk storage tanks with 500 metric tonnes of storage capacity
- State-of-the-art filling and blending plants with in-house laboratory facilities
- Environmental services allowing for the recovery and recycling of refrigerants using a dedicated fleet of cylinders
- Computer controlled filling and cylinder tracking facilities
- Drum and cylinder fleet in excess of 19,000, ranging from 10kg cylinders to 16 tonne ISO tanks
- Management systems: **A-GAS** has accreditations in ISO 9001/2000 (Quality), ISO 14001 (Environment) and NOSA (Safety)



A-Gas (South Africa)
(Pty) Ltd
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JANUARY 2014

TRADITIONAL

R502
R22/115
(50/50%)

OIL
Mineral
Alkylbenzene

APPLICATION
Low Temp Refrig
Med Temp Refrig

CFC

A-GAS
R22

OIL
Mineral
Alkylbenzene
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig
Air Conditioning

HCFC

R12

OIL
Mineral
Alkylbenzene

APPLICATION
Auto Air Cond
Med Temp Refrig
High Temp Refrig

CFC

R13

OIL
Mineral
Alkylbenzene

APPLICATION
Ultra Low Temp
Refrigeration

CFC

R503
R23/13
(40/60%)

OIL
Mineral
Alkylbenzene

APPLICATION
Ultra Low Temp
Refrigeration

CFC

R11

OIL
Mineral
Alkylbenzene

APPLICATION
Centrifugal
Chillers

CFC



INTERIM / DROP IN REPLACEMENT

A-GAS
R402A
(HP80)
R125/290/22
(60/2/38%)

OIL
Alkylbenzene
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig

HCFC

A-GAS
R402B
(HP81)
R125/290/22
(38/2/60%)

OIL
Alkylbenzene
Polyol Ester

APPLICATION
Ice Machine

HCFC

A-GAS
R403B
ISCEON® 69L
R290/22/218
(5/56/39%)

OIL
Mineral**
Alkylbenzene
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig

HCFC

A-GAS
R408A
(FX10)
R125/143a/22
(7/46/47%)

OIL
Mineral**
Alkylbenzene
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig

HCFC

A-GAS
R422A
ISCEON® M079

OIL
Mineral**
Alkylbenzene
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig

HFC

A-GAS
R417A
ISCEON® M059

OIL
Mineral**
Alkylbenzene
Polyol Ester

APPLICATION
Med Temp Refrig
Air Conditioning

HFC

A-GAS
R422D
ISCEON® M029

OIL
Mineral
Alkylbenzene
Polyol Ester

APPLICATION
Med Temp Refrig
Air Conditioning
Water Chillers

HFC

A-GAS
R424A
RS44

OIL
Mineral
Alkylbenzene
Polyol Ester

APPLICATION
Med Temp Refrig
Air Conditioning

HFC

A-GAS
R434A*
RS45

OIL
Mineral
Alkylbenzene
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig
Water Chillers

HFC

A-GAS
R409A
(FX56)
R22/124/142b
(60/25/15%)

OIL
Mineral**
Alkylbenzene
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig

HCFC

A-GAS
R406A
(GHG 12)
R22/142b/600a
(55/41/4%)

OIL
Mineral**
Alkylbenzene
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig

HCFC

A-GAS
R123
ISCEON® M089

OIL
Mineral
Alkylbenzene
Polyol Ester

APPLICATION
Ultra Low Temp
Refrigeration

HFC

A-GAS
R123

OIL
Mineral
Alkylbenzene

APPLICATION
Centrifugal
Chillers

HCFC

There is no single product that can replace R22 in all applications. If you need help on any particular application, please contact us.

- * Not suitable for systems with capillary tube, expansion valve only.
- ** 50/50 mix of Mineral/Alkylbenzene preferred.

'Drop in' is a generic term; refrigerants should never be mixed or dropped in on top of an existing refrigerant. HFC Drop in replacements in most cases do not require a change of lubricant type, however manufacturers' guidance as well as good engineering practice should be followed.

All information supplied is for guide purposes only. Please note: Not all products are available in all outlets.

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Speciality Chemicals and Gases

LONG-TERM REPLACEMENT

A-GAS
R290
Refrigerant
Grade Propane

OIL
Mineral

APPLICATION
Low Temp Refrig
Med Temp Refrig

HC

A-GAS
R407F
GENETRON®
PERFORMAX™ LT

OIL
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig

HFC

A-GAS
R404A
(FX70/HP62)
R125/143a/134a
(44/52/4%)

OIL
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig

HFC

A-GAS
R507
(AZ50)
R125/143a
(50/50%)

OIL
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig

HFC

A-GAS
R407F
GENETRON®
PERFORMAX™ LT

OIL
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig

HFC

A-GAS
R744
Carbon Dioxide

OIL
Mineral

APPLICATION
Various

CO2

A-GAS
R407C
(Klea 66/
Suva 9000)
R32/125/134a
(23/25/52%)

OIL
Polyol Ester

APPLICATION
Air Conditioning

HFC

A-GAS
R410A
(AZ20)
R32/125
(50/50%)

OIL
Polyol Ester

APPLICATION
Air Conditioning

HFC

A-GAS
R437A
ISCEON®
M049Plus™

OIL
Mineral**
Alkylbenzene
Polyol Ester

APPLICATION
Auto Air Cond
Med Temp Refrig

HFC

A-GAS
R134a

OIL
Polyol Ester
Polyalkylene-
Glycol

APPLICATION
Med Temp Refrig
Air Conditioning
Auto Air Cond

HFC

A-GAS
R600a
ISO Butane

OIL
Mineral
Alkylbenzene

APPLICATION
Domestic Refrig

HC

A-GAS
R23

OIL
Polyol Ester

APPLICATION
Ultra Low Temp
Refrigeration

HFC

A-GAS
R508A
R23/116
(39/61%)

OIL
Polyol Ester

APPLICATION
Ultra Low Temp
Refrigeration

HFC

A-GAS
R508B
Sulva 95

OIL
Polyol Ester

APPLICATION
Ultra Low Temp
Refrigeration

HFC

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