

### Oil Specification Guide - OIL01

Oils specified to suit environmental temperature conditions. Use the colour coding below to identify the recommend manufacturer oil.

Environmental conditions	Extreme Cold	Cold	Winter to Summer	Hot	Very Hot
	To -40°C	-5 to -25°C	-5 to 30°C	30 to 50°C	Over 50°C
ISO grade	N/A	15	32	46	68

#### MINERAL OIL

To be specified according to ISO 6743/4 HLP-HM or DIN 51524 (part 2) with ISO viscosity grade according to the chart above.

Mineral Oil							
		Oil Specification					Grease Specification
Manufacturer	Mobil	Aero HFA	DTE11M	DTE24	DTE25	DTE26	XHP222
	Shell	AeroShell 4	Tellus T15	Tellus 32	Tellus 46	Tellus 68	Retinax EP
	BP	Not available	Bartran HV15	Bartran HV32	Bartran HV46	Bartran HV68	Energrease LS EP2
	Gulf	Not available	Hydrasil 10	Hydrasil 32	Hydrasil 46	Hydrasil 68	Gulfcrown EP no2

#### ENVIRONMENTALLY FRIENDLY OIL

To be specified according to ISO 15380 type HEES with equivalent specification to the mineral oils above.

Environmentally Friendly Oil							
		Oil Specification					Grease Specification
Manufacturer	Mobil	Not available	Not available	EAL 32	EAL 46	Not available	EAL 102
	Shell	Not available	HF – E 15	HF – E 32	HF – E 46	HF – E 68	Naturelle EP2
	BP	Not available	Not available	Biohyd SE-S 32	Biohyd SE-S 46	Biohyd SE-S 68	Biotac EP 2
	Gulf	Not available	Not available	Biosynth VG 32	Biosynth VG 46	Not available	Biocal 2

#### Notes:

1. Maximum running (under load) viscosity is 700 Cst
2. Minimum running (under load) viscosity is 10 Cst (efficiency may be reduced)
3. Oil cleanliness must to maintained to ISO 4406 class 19/16
4. It is recommended that oil should be replaced annually

All dimensions are given in mm unless otherwise stated. Technical Specifications are subject to change without notice.