

HV-TURBO
Tech. Info.

OIL SPECIFICATION.

DK-3000 HELSINGØR
TELF: 49 21 14 00
FAX: 49 21 52 25
SIDE: 1(1)
930.870.005.2

Specifications on lubricating oils applicable for HV-TURBO compressors with anti friction bearings. (Ball/roller bearings)

Note : Turbochargers
 Journal bearing gearboxes

Please note different specification.
Please note different specification.

Company	Oil type	Supplier Scandinavia
		Supplier Europe Supplier North America
BP	BP ENERGOL RC-S 46	BP BP BP
ELF	BARELF SM32	ELF ELF ELF
ESSO	ESSO COMPRESSOR OIL RS32	Esso Esso Exxon
MOBIL	MOBIL SHC 624	Mobil Mobil Mobil
Q8	Q8 SCHUMANN 32	Kuwait Petroleum Kuwait Petroleum -----
STATOIL	COMPWAY SX 32	Statoil ----- -----
SHELL	MADRELA AS 46	Shell Shell Shell

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Specifications on lubricating oils applicable for HV-TURBO compressors with journal bearings.

Note : Turbochargers Please note different specification.
 Ball bearing gearboxes Please note different specification.

			Supplier Scandinavia
			Supplier Europe
Company	Oil type 46 Cst.	Oil type 68 Cst.	Supplier North America
BP	BP BARTRAN HV46	BP BARTRAN HV68	BP BP BP
CASTROL	HYSPIN AWH 46	HYSPIN AWH 68	Castrol Castrol Castrol
CHEVRON	MECHANISM LPS46	MECHANISM LPS68	CIOC DK. CIOC LONDON CIOC SAN FRANCISCO
ELF	OLNA 46	OLNA 68	ELF ELF ELF
ESSO	NUTO H 46	NUTO H 68	Esso Esso Exxon
MOBIL	DTE 25	DTE 26	Mobil Mobil Mobil
Q8	Q8 HAYDN 46	Q8 HAYDN 68	Kuwait Petroleum Kuwait Petroleum -----
STATOIL	HYDRAWAY HM 46	HYDRAWAY HM 68	Statoil ----- -----
SHELL	TELLUS 46	TELLUS 68	Shell Shell Shell
TEXACO	RANDO HD 46	RANDO HD 68	Texaco Texaco Texaco

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Oilpump capacity and oil reservoir :

Compressor	From Year	Oil pump capacity minimum	Oil pump capacity standard.	Oil reservoir liter
KA2-GK2	1986	-----	-----	5.5
KA4-GK4	1982	-----	-----	19.0

Compressor	From Year	Oil pump capacity minimum l/min	Oil pump capacity standard. l/min	Oil reservoir From year 1991. liter
KA5-GA200	1987	58	58	230
KA5-GC150-EM	1988	58	58	230
KA5-GC150-GM	1988	58	58	150
KA10-GA200	1986	58	58	230
KA10-GA250	1987	105	108	300
KA10-GC150-EM	1979	58	58	230
KA10-GC150-GM	1979	58	58	150
KA22-GA250	1983	82	82	330
KA22-GL315	1989	170	170	570
KA22-GC150-EM	1981	58	58	230
KA22-GC150-GM	1981	58	58	150
KA22-GC215-EM	1981	82	82	330
KA22-GC215-GM	1981	82	82	200
KA44-GA250	1983	82	82	330
KA44-GC215-EM	1982	82	82	330
KA44-GC215-GM	1982	82	82	200
KA66-GC215-EM	1982	108	108	400
KA66-GC215-GM	1982	108	108	200
KA80-GL500	1990	210	235	850
KA100-GL500	1984	210	235	850

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Compressor	From Year	Oil type (DIN 51502)	HVT-recommen- dation	Visc. Index min. Iso 2909	Visc. min. at 120 C.	FZG-Stage Min. Din 51354
KA2-GK2	1986	PAO	930.870.005	137	4.20	10
KA4-GK4	1982	PAO	930.870.005	137	4.20	10

PAO = Synthetic oil, polyalfaolifine.

Compressor	From Year	Oil type DIN 51502	HVT-recommen- dation	Visc. Index Iso 2909	FZG-Stage Min. Din 51354
KA5-GA200	1987	HL/HLP46	930.870.004	100	10
KA5-GC150	1988	HL/HLP46	930.870.004	100	10
KA10-GA200	1986	HL/HLP46	930.870.004	100	10
KA10-GA250	1987	HL/HLP46	930.870.004	100	10
KA10-GC150	1979	HL/HLP46	930.870.004	100	10
KA22-GA250	1983	HL/HLP46	930.870.004	100	10
KA22-GL315	1989	HL/HLP46	930.870.004	100	10
KA22-GC150	1981	HL/HLP46	930.870.004	100	10
KA22-GC215	1981	HL/HLP46	930.870.004	100	10
KA44-GA250	1983	HL/HLP46	930.870.004	100	10
KA44-GC215	1982	HL/HLP46	930.870.004	100	10
KA66-GC215	1982	HL/HLP46	930.870.004	100	10
KA80-GL500	1990	HL/HLP46	930.870.004	100	10
KA100-GL500	1984	HL/HLP68	930.870.004	100	10