CH V hydraulic oil

15th 22nd 32. 46. 68

Description:

Kompressol-CH V hydraulic oils are hydraulic fluids with anti-corrosion and anti-aging additives as well as active ingredients to reduce wear. Kompressol-CH V hydraulic oils are made from high quality base oils and additives. The outstanding property of Kompressol-CH V hydraulic oils is the particularly high viscosity index, which results in an extremely favorable viscosity-temperature behavior of the oils during operation. The excellent stability of the flow behavior against extreme temperature fluctuations contributes significantly to the aging protection of Kompressol CH V hydraulic oils.

Specifications:

DIN 51 524, part 1, 2 + 3 HVLP (HVI)
ASTM D6158
CETOP RP 91 H (HM, HV)
Denison F. TP 02100
DIN EN ISO 6743/4
GM LS 2
Liebherr HVI
Rexroth Bosch
SIS / US Steel / AIST SS 155434/126, 127
Sperry Vickers M-2950-S and I-286-S

Application:

Kompressol-CH V hydraulic oilscover a wide range of applications. For reasons of the variety association

In addition, Kompressol-CH V hydraulic oils can also be used wherever hydraulic oils with a normal viscosity index would be sufficient (this is the case when the above specifications are required).
The use of Kompressol-CH V hydraulic oils is particularly recommended in hydraulic systems that are exposed to strongly fluctuating outside temperatures. Accordingly, the readiness for use of Kompressol CH V hydraulic oils is guaranteed with constant safety even if the oil remains in the system all year round. Season-dependent oil changes can therefore be dispensed with. The use of Kompressol CH V hydraulic oils prevents corrosion that can occur when water enters the hydraulic system. Any air that has entered is quickly released again. Added active ingredients prevent the formation of stable surface foam.
Kompressol-CH V hydraulic oils are qualitatively designed for use in hydraulics that are prone to wear.
Kompressol-CH V hydraulic oils can also be mixed with all conventional hydraulic oils.

Liebherr recommends the use of high-VI hydraulic oils for some units, which are represented in our product range by CH V hydraulic oils.

Technical specifications: (approximate figures)

ISO-VG	**DIN**		**15th**	**22nd**	**32**	**46**	**68**
Visc. at 40 ° C	51 562	mm² / s	15th	22.4	31.5	43.1	66.2
Visc. at 100 ° C	51 562	mm² / s	3.8	4.8	6.3	7.9	10.9
VI	ISO 2909		149	145	152	155	151
Density at 15 ° C	51 757	g / cm³	0.878	0.855	0.857	0.862	0.870
Pour point	ISO 3016	° C	- 45	- 45	- 42	- 39	- 30
Flash point COC	ISO 2592	° C	174	210	210	220	230
FZG test A / 8.3 / 90	Damage force level		> 12	> 12	> 12	> 12	> 12

Status: 10/2020