

-->????????????????????

-->????????????????????

-->????????????????

-->????????????????

->????????????

-->????????????????

??????

??dte 10??15 ????????? ??		32	46	68	100	150
din 51524-2: 2006-09	x	x	x	x	x	x
din 51524-3: 2006-09	x	x	x	x		
iso 11158 hv	x	x	x	x		
cmas hk		x	x			

bosch- rexroth re 90220-01		x	x	x		
arburg			x			
krauss- maffeï kun ststofftech nik			x			
??dte 10??15 ?????????? ???		32	46	68	100	150
denison hf-0		x	x	x		
eaton vickers 694 (enco mpasses former i-286-s, m-2950-s or m-2952-s)		x	x	x		
frank mohn, framo hydraulic			x			

cargo pumping						
magias, lc			o-70	o-69		

?????

??dte 10????	15	32	46	68	100	150
so????	15	32	46	68	100	150
???astm d 445						
cst @ 40°C	15.8	32.7	45.6	68.4	99.8	155.6
cst @ 100°C	4.07	6.63	8.45	11.17	13.00	17.16
?????astm d 2270	168	164	164	156	127	120
brookfiled? ????astm d 2983?cp @ -20 °c		1090	1870	3990	11240	34500

brookfiled? ????astm d 2983?cp @ -30 °c		3360	7060	16380	57800	
brookfiled? ????astm d 2983?cp @ -40 °c	2620	14240	55770			
???????(ce c l-45-a-99)?????%	5	5	7	11	7	7
??15° c?astm d 4052?kg/l	0.8375	0.8468	0.8502	0.8626	0.8773	0.8821
?????astm d 130?3?? @ 100° c	1b.	1b.	1b.	1b.	1b.	1b.
fzg?????d- n 51354?? ????		12	12	12	12	12
???°c, astm d 97	-54	-54	-45	-39	-33	-30

