

DIN 51524 Part II April 2006 Requirements  
Continued

Test	Test Results			Specification Limits		
	Fastroil Hydraulic Oil 32	Fastroil Hydraulic Oil 46	Fastroil Hydraulic Oil 68	ISO 32 VG	ISO 46 VG	ISO 68 VG
ISO VG	HI 13389	HI 13388	HI 13390	ISO 32 VG	ISO 46 VG	ISO 68 VG
<b>Elastomer compatibility SRE-NBR1 168 hours at 100C, DIN 53538-1</b>						
Volume change	5.7	6.1	5.4	0 to 12		0 to 10
Shore Hardness A	-3	-2	-1	0 to -7		0 to -6
<b>Oxidation Stability, 1000 hours, ASTM D4310</b>						
Delta acid number, mg KOH/g, max	0.14	0.13	0.14	<=2		
<b>Wear Protection, FZG A/8.3/90, DIN 51354-2, fail stage</b>						
	12	12	11	10		
<b>Vane pump test, ISO 20763</b>						
Cam ring weight loss, mg	12			<120		
Vane weight loss, mg	4			<30		

