



@100?(cst)	9.6	11.9	16
????	180	185	180
??g/cm	0.985	0.986	0.992
???	-48	-46	-40
??@25?	0.985g/cm?	0.986g/cm?	0.992g/cm?
???	279	281	281
???	315	319	319

?2 Ecosafe FR??/????

?????ASTM D-4172?	0.35m
Vickers 104C????ASTM D-2882? (140??/?????100??65°C?1.98?/???1200RPM,0.924???)	??<10m
Four Square Gear Test (FZG) (90??1760RPM?1600?????12?)	?????
?????????ASTM D-493? ?95?????????60?????	>2000
USX Engineering & Consultants Inc.????????1.2?1.7???	

?3 ???????????

????	N4180A80	N4274A85	E4183A80	V4208A90	P4300A90	P4301A90
	LL-885	LL-885	LL-885	LL-885	LL-885	LL-885
?????A.,pts.	78	80	80	88	94	94
?????psi?	2308	3273	1953	2177	8056	9159
????%	260	170	180	150	560	500
Ecosafe FR ?100°C?168??						
????	?3	+2	0	?5	?2	?4
???????%	+8	+7	+1	?13	+23	?13
??????%	?19	+24	?17	+7	+21	+4
??????%	+4	?1	?2	+1	+7	+7

N4180A80-腈类, N4274A85-硝基氧, E4183A80-乙丙烯, V4208A90-碳氟化合物(氟橡胶), P4300A90-聚氨酯, P4301A90-聚氨酯(防水)

?4 ??????

	NBR-1(Buna-N)	FKM-2(Viton?)	Polyurethane P 5000
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????	100	100	100
?????	1000	1000	1000
?????pts	-5	-3	-2
?????%	+29.5	+4.7	-8.6
???????%	-11.9	+5.8	+13.2
?????, %	-31.5	+6.8	+15.7
?????%	+9	+0.7	+3.9
?????%	+10.8	+1.5	+4.7

?5 ???? ?

OECD????????? ?????301B?28??	70.9
OECD????????? ?????301F?28??	88.0
OECD?????203????????? (96???LC50?????????)	????

在28天内降解60%以上方可被列入生物可降解型液压油。

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Ecosafe FR在特殊情况下使用时具有轻微的危害性。它化学稳定性好，无腐蚀，高闪点，可与液压系统中的所有常见材料兼容，对于这类产品，我们建议在处理产品时遵循与其他油品同样的要求：1) 不要长时间与皮肤接触，2) 保持足够的通风，3) 不要吞食。关于产品安全性的进一步资料可查询产品安全数据表 (MSDS)