

PRODUCT DATA SHEET



ROYAL PURPLE® XPR®

EXTREME PERFORMANCE RACING OIL

Royal Purple® XPR® (Extreme Performance Racing) oils are recommended for use in various racing applications, and are popular in a variety of motorsports including: NASCAR, NHRA, World of Outlaws and Bonneville Salt Flats. Contains Royal Purple's proprietary Synerlec® additive technology.

Performance Advantages

- Greater wear protection on startup
- Increased horsepower
- Extends equipment life
- No flushing required when switching from other synthetic engine oils or conventional engine oils
- Non-foaming
- Outstanding rust / corrosion protection
- High temperature service capability
- XPR resists displacement, dilution and emulsion caused by exotic fuels, such as alcohol and methanol.

Please consult Royal Purple's Technical Department at rpautotech@royalpurple.com for assistance in choosing the racing oil for your specific application.

Typical Properties*	Method	SAE GRADE									
		0W-8	0W-20	5W-20	0W-30	5W-30	5W-40	10W-40	5W-50	20W-50	10W-60
Viscosity	D445										
cSt @ 40°C		27.47	40.08	47.5	43.99	54.94	61.43	74.55	80.97	137.2	102.4
cSt @ 100°C		5.6	8.68	8.45	9.9	10.6	12.69	13.26	19.24	19.73	22.19
Viscosity Index	D2270	148	203	155	220	187	211	182	261	165	246
Cold Crank Simulator	D5293										
cP @ -35°C		2,519	4,200	3,664	4,564	—	—	—	—	—	—
cP @ -30°C		—	—	—	—	4,157	4,684	—	5,610	—	—
cP @ -25°C		—	—	—	—	—	—	3,978	—	—	5,526
cP @ -20°C		—	—	—	—	—	—	—	—	—	—
cP @ -15°C		—	—	—	—	—	—	—	—	4,208	—
cP @ -10°C		—	—	—	—	—	—	—	—	—	—
TBN, mg KOH/g	D2896	10.09	10.11	10.4	10	10.38	10.06	10.21	10.12	10.14	10.19
Pour Point °C (°F)	D97	-66 (-89)	-63 (-81)	-48 (-54)	-60 (-76)	-54 (-65)	-45 (-49)	-45 (-49)	-48 (-54)	-45 (-49)	-42 (-44)
Flash Point °C (°F)	D92	199 (390)	216 (420)	227 (440)	221 (430)	213 (416)	224 (436)	210 (410)	207 (404)	213 (416)	204 (400)
Copper Corrosion	D130	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a

*Properties are typical and may vary.