

## CASTROL GTX TYPICAL PROPERTIES

SAE Grade	Method	5W-20	5W-30	10W-30	10W-40	20W-50
API Service		SL	SL	SL	SL	SL
ILSAC	GF-3	GF-3 GF-3				
Specific Gravity, 60°F	ASTM D-1298	0.857	0.858	0.869	0.874	0.882
Pounds per Gallon		7.14	7.15	7.24	7.28	7.35
Viscosity, cSt 100°C	ASTM D-445	8.8	10.7	10.7	14.2	17.6
Viscosity, cSt 40°C	ASTM D-445	50	63	72	100	153
Viscosity Index	ASTM D-2270	158	160	142	150	128
Low Temperature (°C) Cranking Viscosity, cP max	ASTM D-5293	<6600 (-30C)	<6600 (-30C)	<7000 (-25C)	<7000 (-25C)	<9500 (-15C)
Low Temperature (°C) Pumping Viscosity, cP max	ASTM D-4684	60,000(-35C)	60,000 (-35C)	60,000 (-30C)	60,000 (-30C)	60,000 (-20C)
High Temperature High Shear Rate Viscosity, cP @ 150° C	CEC L-36-A-87	2.8	3.1	3.1	3.7	4.0
Flash Point, COC, °F(°C)	ASTM D-92	400(204)	400(204)	410(213)	415(213)	440(227)
Fire Point, COC, °F(°C)	ASTM D-92	430(221)	430(221)	445(229)	445(229)	470(243)
Pour Point, °C max	ASTM D-5950	-30	-33	-30	-30	-21
Zinc % wt	ASTM D-4951	0.11	0.11	0.11	0.11	0.09
Phosphorus % wt	ASTM D-4951	0.10	0.10	0.10	0.10	0.08

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