



## Synthetic Blend Engine Oils

Medallion Plus® Synthetic Blend Engine Oils is a premium line of synthetic blend passenger car and light duty engine oils that contain a special blend of additives, which keep engines clean of harmful carbon deposits, varnishes and resins. With recent additive improvements, these more robust offerings are equipped to negate the destructive effects of Low Speed Pre-Ignition and provide improved Turbocharger protection by reducing turbo coking and deposits.

Medallion Plus Synthetic Blend Engine Oils also protect engines from sludge, rust and acid build-up. These oils perform efficiently in gasoline engines and are outstanding for stop-and-go taxi fleets, city delivery vehicles and public utility fleets.

PROPERTY	ASTM TEST METHOD	SAE 5W-20	SAE 5W-30	SAE 10W-30	SAE 10W-40	SAE 20W-50
Viscosity @ -30°C, cP	D-5293	4600	5800	N/A	N/A	N/A
Viscosity @ -25°C, cP	D-5293	N/A	N/A	5800	6400	N/A
Viscosity @ -15°C, Cp	D-5293	N/A	N/A	N/A	N/A	8000
Viscosity @ 40°C, cSt	D-445	47.00	62.00	63.00	99.00	150.00
Viscosity @ 100°C, cSt	D-445	8.30	10.20	10.80	14.00	18.40
Viscosity Index	D-2270	155	155	170	145	130
Flash Point, COC, °C	D-92	213	213	213	216	226
Flash Point, COC, °F	D-92	415	415	415	420	439
Pour Point, °C	D-97	-40	-40	-40	-36	-21
Pour Point, °F	D-97	-40	-40	-40	-33	-6
Color	D-1500	2.0	2.0	2.0	2.0	2.5
Gravity, °API	D-287	32.0	32.0	36.0	32.0	30.0
Sulfated Ash, %	D-874	.98	.98	.98	.98	.98
Phosphorous, %	D-4951	0.077	0.077	0.077	0.077	0.077
Zinc, %	D-4951	0.085	0.085	0.085	0.085	0.085
HT/HS, Cp	D-4683	3.20	3.22	3.12	3.70	3.9
Total Base Number (TBN)	D-2896	7.4	7.4	7.4	7.4	7.4

Meets or exceeds the following tests and requirements:

- API Service Classification – SP, SN PLUS, SN, ILSAC GF-6A (5W-20, 5W-30, 10W-30)
- Chrysler MS-11999, MS-12007, MS-12015, MS-6395-S
- Resource Conserving (5W-20, 5W-30, 10W-30)
- Ford Motor Company – WSS-M2C945-A, WSS-M2C946-A
- Honda
- Toyota

NOTE: Certain tests apply to specific SAE grades.