



# Xtreme Proformance Premium SN Motor Oils

## Tech Bulletin

### Application

Xtreme Proformance Premium SN motor oils are select multigrade automotive lubricants formulated to meet or exceed the warranty requirements of most major manufacturers of gasoline engines.

Xtreme Proformance Premium SN oils provide better fuel economy, oxidation control, and lower emissions than previous generation oils. They also provide for enhanced sludge and deposit control, leading to better overall cleanliness of the engine. They have been formulated and tested to protect the seals in today's engines. They contain additives to help mitigate the effects of water retention and absorption, which can occur when using ethanol-containing fuels.

Xtreme Proformance Premium SN oils are suitable for use in all seasons. All viscosity grades are licensed with the API under the SN specification and API License Number 2047 and meet the requirements of all previous API "S" categories, including SM, SL, and SH. Viscosity grades 5W-20, 5W-30 and 10W-30 are licensed as API Resource Conserving and ILSAC GF-5 and meet the requirements of all previous "GF" specifications.

<i>Properties</i>	<u>5W-20</u>	<u>5W-30</u>	<u>10W-30</u>	<u>10W-40</u>	<u>20W-50</u>
Kinematic Viscosity, cSt at 100 °C, D-445	8.5	10.8	10.5	15.8	18.6
Kinematic Viscosity, cSt at 40 °C, D-445	46.8	67.5	65.1	119.6	174.2
Viscosity Index, calculated	160	150	150	140	120
Cold Cranking at temp °C, cP, D-5293	6200 at -30	6300 at -30	6600 at -25	6600 at -25	8500 at -15
Pumping, MRV, at temp °C, cP, D-4684	30,000 at -35	30,000 at -35	35,000 at -30	45,000 at -30	45,000 at -20
High Shear, HTHS, cP, D-4683	2.6	3.1	3.1	4.0	4.7
NOACK Volatility, Loss, % wt, D-5800	15	15	8	15	10
Total Base Number, mg KOH/g, D-2896	7.9	7.9	7.9	7.9	7.9
Zinc, % wt	0.085	0.085	0.085	0.085	0.085
Phosphorus, % wt	0.077	0.077	0.077	0.077	0.077
Highest API Performance	SN	SN	SN	SN	SN
Resource Conserving	Yes	Yes	Yes	--	--
Highest ILSAC Performance	GF-5	GF-5	GF-5	--	--

A partner of:



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