



ASTAR extreme SAE 20W-50 SG/CD

PERFORMANCE LEVELS: Meets and Exceeds

MB 227.0, MIL-L-2104C, MAN 271, VOLVO VDS

Danzol **ASTAR extreme** is premium engine oil contains 100% virgin base stock formulated with the multiple additives, OCP and blended using latest technology; Provides superior lubrication for the gasoline engines that requires high quality multi-grade engine oil. Suitable for passenger cars and light duty commercial vehicles demanding SG service category multi-grade engine oil.

Typical properties:

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUES
SAE VISCOSITY GRADE		ASTM	20W-50
APPEARANCE	NA	VISUAL	B&C
COLOR	NA	ASTM D-1500	3
DENSITY @29.5°C	g/mL	ASTM D-4052	0.8800
KINEMATIC VISCOSITY @100°C	cSt	ASTM D-445	17.5
KINEMATIC VISCOSITY @40°C	cSt	ASTM D-445	Report
VISCOSITY INDEX	NA	ASTM D-2270	118
CORRECTED FLASH POINT	°C	ASTM D-92	232
HOMOGENEITY/MISCIBILITY	NA	ASTM D-6922	Pass
ACCEPTABLE ODOR	NA	VISUAL	Agreeable
POUR POINT	°C	ASTM D-97	-24
TOTAL BASE NO. (TBN)	mg KOH/g	ASTM D-2896	4.5

Advantages:

- Resists breakdown at high temperatures.
- Exhibits easier cold weather starting.
- Oxidation stability and anti-corrosion properties.
- Blended with special anti-wear additives for longer engine life.

Applications:

- Suitable for passenger cars and light duty commercial vehicles demanding SG/CD service category and 20W-50 viscosity Multi-grade oil.
- Also, suitable for all gasoline or diesel engines requiring SG/CD service and 20W-50 viscosity Multi-grade engine oil.