

Heavy Duty Diesel Engine Oil
Full SAPS
Mineral – NGEN Core®

TYPE OF USE

TEKMA SUPRA 20W-50 is a versatile mineral-based engine oil designed for naturally aspirated and turbocharged heavy-duty diesel engines meeting Euro II and earlier emissions standards. It is suitable for on-road diesel vehicles, including trucks, buses, farm and construction machinery.

This lubricant provides excellent detergent, dispersant, and anti-wear properties to maintain engine cleanliness and control soot, sludge, and deposits. It performs well under severe conditions and all seasons. While compatible with fleets comprising both older and newer engines, it is not suitable for engines equipped with particulate filters.

The robust **NGEN Core®** formulation combines premium re-refined and virgin base oils with advanced additive technology, ensuring dependable protection and performance under the severe operating conditions typical of heavy-duty equipment and fleet operations.

PERFORMANCES

STANDARDS ACEA E2
API CF-4/SF

PERFORMANCES MERCEDES-BENZ MB 228.1
MAN 270

API CF-4 is an engine oil specification introduced in 1990 for high-speed, also turbocharged 4-stroke diesel engines particularly those using fuel with higher sulphur content (above 0.5 % by weight). It covers the requirements of API-CD & CE and supplements the requirements regarding oil consumption and piston cleanliness.

API SF is an engine oil specification for gasoline engines, based on API SE, but with additionally improved wear protection and sludge carrying capacity.



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RECOMMENDATIONS

Can be mixed with synthetic or mineral oils.

Oil changes should be performed according to the manufacturer's recommendations. Consult your vehicle's owner's manual or contact a dealer for specific guidelines, as they vary.

We also recommend the use of an oil monitoring program to optimize oil change intervals and maximize equipment protection.

PROPERTIES

Color	ASTM D1500	Amber
Viscosity grade	SAE J 300	20W-50
Density at 20°C (68°F)	ASTM D1298	0.880
Viscosity at 40°C (104°F)	ASTM D445	198.0 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	19.7 mm ² /s
Viscosity Index	ASTM D2270	135
Pour point	ASTM D97	-30.0 °C / -22.0 °F
TBN	ASTM D2896	9.8 mg KOH/g
Flash point	ASTM D92	238 °C / 460 °F

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.

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