



## SUPERGEAR 80W-90

REV.1 OF MARCH /2013

### LEVELS OF QUALITY

The lubricant SUPERGEAR 80W-90 complies with the following levels of quality:

API GL-4/GL-5 · MIL-L-2105D - ZF TE-ML  
02B, 05A, 07A, 12E, 16A-B-D, 17A, 17B, 19A,  
19B, 21B · MAN 341 Z1/E1 · VOLVO 97310 ·  
SCANIA STO 1.0

### PRODUCT DESCRIPTION

DUGLAS SUPERGEAR 80W-90 is a modern synthetic lubricant produced using the highest formulation levels with specifically selected EP additives which provide the product with outstanding thermal-oxidative stability and higher wear protection for cogwheels even under heavy conditions. Thanks to the innovative balancing of its formula components this product with high EP features is able to operate successfully and permanently even with friction materials for synchronizers by oil bath transmissions.

### APPLICATIONS

DUGLAS SUPERGEAR 80W-90 is recommended for the lubrication of gears and steering gearboxes of motor vehicles subject to moderate loads, of rear axles with bevel gears or torque hypoid gears, of worm gear speed reducers and of all systems requiring a lubricant of API GL-4/GL-5 type.

Their main characteristics are as follows:

- excellent compatibility with metals and seals used for transmissions;
- good wear protection at high speed for twisting couples and shock loads;
- good protection against corrosion and rust;
- long service life of charge;
- excellent performances at high speed.

### TYPICAL FEATURES\*

SAE Scale		80W-90
Density at 15°C.Kg./dm3	ASTM D1298	0.880
Viscosity at 100°C.cSt	ASTM D445	15.0
Viscosity Index	ASTM D2270	110
Flammability V.A.°C	ASTM D92	220
Pour Point °C	ASTM D97	-21

\*The above mentioned values are indicative of production average values and are not an integral part of the specification.

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