

VALCO 80W90
Mechanical transmission fluid 80W90

Fluid for mechanical transmission intended for the lubrication of hypoid axles and gear systems required to operate at variable temperatures, undergoing sudden and significant load variations or operating at low speed and high torque or vice versa.

Its formulation based on extreme pressure and anti-wear additives as well as its good resistance to oxidation and corrosion allow this fluid to provide effective protection of transmission systems.

VALCO 80W90 is particularly recommended when API GL-5 performance level is required.

Specifications

- ✓ API GL-5
- ✓ MIL-L-2105D
- ✓ MAN 342 M-2
- ✓ ZF-TE-ML 05A, 07A, 12E, 16B, 16C, 17B, 19B, 21A
- ✓ Volvo 1273.10
- ✓ NATO 0-226

Physicochemical Characteristics

Characteristics	Method	Unit	Typical value	Min.	Max.
Viscosity grade	SAE J306	-	80W90	-	-
Kinematic viscosity @ 100°C	ASTM D 7042	cSt	15.0	13.5	18.5
Kinematic viscosity @ 40°C	ASTM D 7042	cSt	144	-	-
Viscosity index	ASTM D 2270	-	104	-	-
Density @ 20°C	ASTM D 7042	-	0.888	-	-
Brookfield viscosity @ -26°C	ASTM D 2983	cP	93000	-	150000
Spectrometric analysis	ICP	ppm			
Phosphorus			300	-	-
Sulfur			15500	-	-
Colour	Visual	-	Green		

Security

See Safety Data Sheet