

## Multigrade hypoid oils ISO L-C

# MULTIHIPO<sup>®</sup> F PLUS

MULTIHIPO<sup>®</sup> F PLUS multigrade hypoid oils are made from selectively refined base oils of paraffin base and optimal amount of selected additives that provide them with the required performance at high loads, both at low and at elevated temperatures.

### ADVANTAGES

- Enduring high pressures and impact loads,
- Excellent antiwear properties enable efficient lubrication;
- High oxidation and thermal stability at high temperatures and pressures, which extends the oil service life;
- High viscosity index and low pour point increase the temperature range of the application;
- Good protective properties against corrosion and rust protect steel components even in the presence of water;
- Good antifoaming properties;
- Good low temperature fluidity;
- Neutrality towards standard elastomers used as sealing materials.

### QUALITY LEVEL

ISO 6743-6	SCANIA STO 1:0
API GL-5	MB 235.0
API MT-1	MAN 342 M2
MIL-L-2105D	MAN 341 E2
MIL-PRF-2105E	MAN 341 Z2
ZF TE-ML 02B/05A/12L/12M/16B/17B/19B/21A	

### APPLICATION

MULTIHIPO<sup>®</sup> F PLUS oils are multipurpose multigrade oils for the lubrication of gear transmissions of power and motion in motor vehicles and other machines (transmissions, differentials, reducing gears etc) operating in conditions of extremely high pressures and impact loads. These oils are not recommended for the lubrication of synchronized manual transmissions of motor vehicles whose synchronous, and sometimes also other parts, are made of non-ferrous metals.

### TYPICAL CHARACTERISTICS

	MULTIHIPO <sup>®</sup> 80W-90 F PLUS	MULTIHIPO <sup>®</sup> 80W-140 F PLUS	METHOD
Density at 15°C, g/ml	0,89	0.90	SRPS EN ISO 3675
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	150	290	SRPS ISO 3104
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	15,5	30.0	SRPS ISO 3104
Viscosity index	100	140	SRPS ISO 2909
Flash point, °C	220	200	SRPS EN ISO 2592
Pour point, °C	-30	-27	SRPS ISO 3016
FZG test, degree	12	12	DIN 51354/2

December, 2016



#### STORAGE

Store in covered area. If stored outdoors, it is necessary to place the drums in a horizontal position to prevent the accumulation of water on the surface of the drum. Do not store at elevated temperatures or in locations exposed to direct sunlight.

All necessary instructions can be found in the product SDS. It contains the details of possible hazards, warnings and first aid measures, as well as the impact on the environment and the necessary measures for the storage and handling.

#### PACKING

Drums 180 kg, plastic containers of 1L and 5L.

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Data are orientational, manufacturer reserves the right to make changes in order to improve product quality.



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