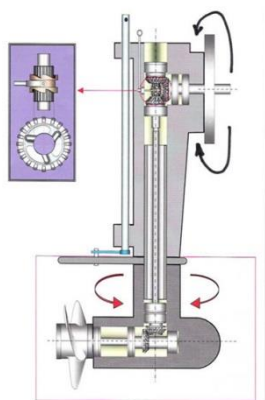


THE VALUES SHOWN REFER TO NORMAL INDUSTRIAL PRODUCTION. THEY ARE APPROXIMATE AND SUBJECT TO POSSIBLE VARIATIONS AND IMPROVEMENT AND DO NOT CONSTITUTE TECHNICAL SPECIFICATION.



## DESCRIPTION

**SYNECO AMPLEX Z 75W90** is a fully synthetic SAE 75W90 oil with a state-of-the-art formulation that guarantees perfect lubrication and extended service life.

## PROPERTIES

**SYNECO AMPLEX Z 75W-90** is an oil designed to guarantee perfect gear change in gearboxes with either automatic or pneumatic switch-actuated synchronizers.

The product has been tested both on road and on test bench, showing excellent anti-wear properties. The state-of-the-art additivation package assures excellent thermal stability and also, thanks to its high viscosity index, uniform gear change behavior at high and low temperatures, which makes gear shifting easier and reduces the noise level of the gearbox or differential.

## APPLICATIONS

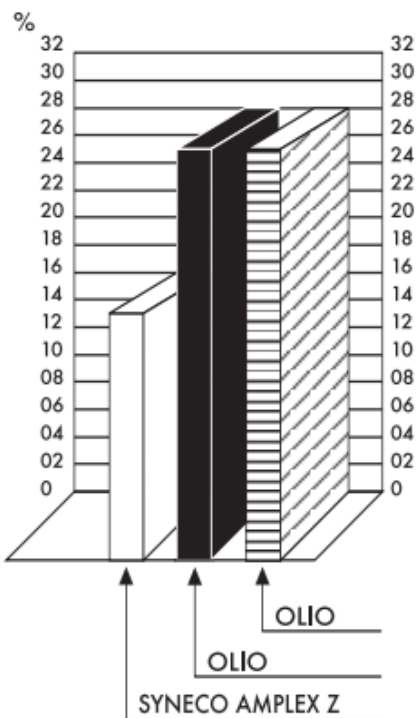
The product is suitable for lubricating all gearboxes of cars, trucks, farm vehicles and diggers, and is also used on outdrives where an API GL5 level product is required.

## TECHNICAL CHARACTERISTICS

CHARACTERISTIC	UNIT	VALUE	METHOD
Density at 15°C	Kg/l	0.890-0.910	ASTM D 1298
Viscosity at 100°C	cSt	13.5-18.5	ASTM D445
Viscosity (mPa.s)		Max 150,000 at -40°C	
Viscosity Index		150	ASTM D2270

January 14, 2014

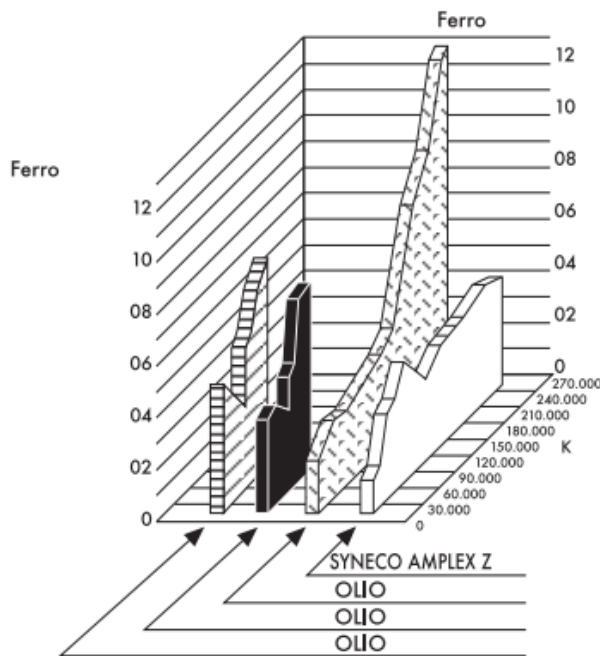
## DIAGRAMS



Deposit formation tendency of Syneco Amplex Z compared to two competitor oils determined through oxidation and thermal stability test at 150°C.

### DIAGRAM N° 1

The diagram shows that under severe testing conditions, **AMPLEX Z**, in relation to the synthetic base used, releases considerably less residues compared to competitor oils (deposits and varnishes).



**WEAR TEST: duration test comparing wear among three commercial oils and Syneco Amplex Z**

### DIAGRAM N° 2

The diagram shows that the first two lubricants, "A" and "B", interrupted their test upon reaching 100,000 km, while "C" completed its test. In both cases it is evident that Fe content from wear is approximately 3 times greater than the wear observed using **AMPLEX Z**.

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