



## DESCRIPTION

**Syneco Synt Grease GRT** is a fully synthetic lubricating grease specifically designed for particularly harsh industrial use.

**Synt Grease GRT** is formulated with synthetic bases (poly-alpha-olfines), a polymer that provides adhesiveness, and additives having particular properties which assure the slowing down of the oxidation process, high resistance to extreme pressure, corrosion protection, and excellent adhesiveness to couplings in motion.

The lithium complex soap thickener gives the product excellent load resistance and makes the grease highly resistant to high temperatures.

**Synt Grease GRT** proves to be highly waterproof, shows good adhesiveness and excellent anti-wear and EP properties.

## PROPERTIES

The peculiar features of the synthetic base (poly-alpha-olefines) are:

- viscosity index above 140;
- low pour point;
- high thermal stability and oxidation resistance;
- low volatility and non-toxicity (FDA 21CFR 178.3620 b specification);

These characteristics, together with the lithium complex thickener, guarantee:

- high pressure at low and high temperatures;
- long service life and protection from oxidation;
- good wash resistance obtained with the use of polymers;
- protection from rust;
- high resistance under loads, even in the presence of vibrations-bumpy movement.

## APPLICATIONS

On account of its broad operating temperature range, **Synt Grease GRT** can be used on all types of roller and slide bearings, ball screws, gears, the flat of runners, ball joints and universal joints. Operating temperature range is approximately -35÷190°C.

## TECHNICAL CHARACTERISTICS

CHARACTERISTIC	UNIT	VALUE	METHOD
Drop point	°C	>280	ASTM D 566
Operating temperature range	°C	-35÷190	
Worked penetration at 60 double strokes (25°C) 1/10 mm		300	ASTM D217
Base oil viscosity at 40°C	cSt	395	ASTM D445
Anti-corrosion test		Pass	ASTM D 1743
Timken test	Lbs	> 40	ASTM D 2509

(The values shown above refer to normal industrial production.)

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