



**HT 300**  
HIGH TEMPERATURE GREASE



**RANGE OF GREASES**

NLGI 2  
HIGH TEMPERATURES  
EXTREME-PRESSURE  
WATER RESISTANT  
GRAPHITE-BASED

Grade  
**2**

-15°C/+180°C  
max 200°C

**APPLICATIONS**

Speed: low  
Load: high

Extreme-pressure level



**APPLICATIONS**

**HT 300** is a high-temperature grease that can be used up to 180°C with short peaks at 200°C in components working at slow speeds and high loads (plain bearings, pins) or in severe atmospheric conditions:

- Ovens, mixers, ventilator bearings, and other mechanisms exposed to high temperatures.
- Drying coils used in the textile industry, autoclaves, rollers, conveyor belt bearings working in water, acids or bases.
- Cement plants

When temperatures reach their limits, it is necessary to frequently replace **HT 300** to avoid hardening

A thorough cleaning of the components to be lubricated is recommended before using grease **HT 300** to prevent pollution caused by a lower performance grease.

**BENEFITS**

- Especially formulated using a high viscosity base oil with strong hydrodynamic behaviour for high-temperature applications
- Extreme-Pressure and anti-rust properties
- Dual benefit of an infusible mineral gelling agent related to graphite's anti-friction properties

**CHARACTERISTICS**

| CHARACTERISTICS                      | UNITS              | METHODS     | TYPICAL DATA          |
|--------------------------------------|--------------------|-------------|-----------------------|
| Type of soap                         | -                  | -           | bentonite clay        |
| Colour                               | -                  | Visual      | Black                 |
| Consistency                          | NLGI grade         | NF T 60506  | 2                     |
| Penetration at 25°C after 60 strokes | 1/10 mm            | NF T 60132  | 280                   |
| Drop point                           | °C                 | NF T 60102  | None                  |
| Base oil viscosity at 40°C           | mm <sup>2</sup> /s | NF T 60100  | 400                   |
| 4-ball welding                       | Kg                 | ASTM D 2596 | 315                   |
| 4 ball wear test (1h / 40 kg)        | mm                 | ASTM D 2266 | < 0,6                 |
| Operating temperature range          | °C                 | -           | -15 / + 180 (max 200) |

*The above data are provided on an indicative basis only.*

OPAL  
 NLGI  
 OPAL  
 NLGI



## HEALTH, SAFETY AND ENVIRONMENT

Disposal must be carried out in compliance with the rules governing the disposal of used lubricants.

**Must be stored away from bad weather conditions.**

For further details, our Technical Department is available to assist you.