

CEPSA ENGRANAJES HP

Description



Lubricating oil together with an adequate package of additives which convey excellent properties to the product for multiple applications. These are gear oil primarily intended for enclosed gear sets operating under heavy or shock loads and low speeds.

Applications

- CEPSA ENGRANAJES HP series oil are recommended for all types of enclosed steel-on-steel gear drives. They can be used in both splash lubrication and circulation systems, working under a wide range of temperatures.

Performance

- Excellent thermal and chemical stability.
- High viscosity index.
- Low pour point.
- Good seal and elastomers compatibility.
- Excellent antiwear properties.
- Extended gear life due to optimum antiwear protection.
- Lower oil consumption due to its high resistance to degradation, allowing extended oil drain intervals.
- Lack of deposit formation.
- Gears with conventional oil can be topped up with this oil, thus reducing stocks and simplifies maintenance.

Specifications

• DIN 51517 Parte 3 (CLP)	• ISO 12925-1 Type CKC / CKD	• AGMA 9005-E02 (EP)
• U.S. STEEL 224	• DAVID BROWN S1.53.101 Type E	• CINCINNATI MACHINE P-74

Typical Characteristics

CHARACTERISTICS	ASTM STD (ISO-3448)	CEPSA ENGRANAJES HP							
ISO grade	(ISO-3448)	68	100	150	220	320	460	680	1000
Density at 15 °C, g/cc	D-4052	0.886	0.890	0.894	0.899	0.904	0.908	0.91	0.907
Flash point COC, °C, mín.	D-92	210	215	215	220	220	225	230	230
Pour point, °C, máx.	D-5950	-21	-18	-18	-18	-12	-9	-9	-9
Viscosity at 100 °C, cSt	D-445	8.6	11.2	14.9	18.5	23.8	30.5	39.5	52.2
Viscosity at 40 °C, cSt	D-445	68.8	98.1	151.3	210.3	310	460	680	949
Load Timken OK, (lb)	D-2782	60	60	60	60	60	60	60	60
Test FZG, fail, mín.	DIN 51354-2	12	12	12	12	12	12	12	12
Four ball (D scar, mm máx.)	D-2266	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
AGMA Classification N°	---	2EP	3EP	4EP	5EP	6EP	7EP	8EP	8AEP

Health & Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.