

Lubricants



زيوت تشحيم

Motion Gear Oil 220

MOTION GEAR OIL 220

Heavy duty - EP - industrial gear oils of highest performance, outstanding extreme pressure characteristics and load carrying capacity.

Description

MOTION GEAR OIL 220 oils are premium quality extreme pressure gear lubricants, manufactured from the highest quality base oils combined with extreme pressure additives of the sulphur-phosphorous type. This combination provides very high load-carrying properties and affords maximum protection for gear teeth in severe service conditions.

Application

MOTION GEAR OIL 220 Series are recommended for all industrial applications where the machinery manufacturer recommends the use of CLP type oil. Highly-stressed bearings, joints, pressure spindles, spur and worm drive gears are reliably, effectively and economically lubricated even at elevated temperatures. The use of these oils guarantees the quiet and smooth running of machinery along with optimum operational reliability.

Advantages

- Enhanced gear wear protection from micropitting.
- Reduced debris denting from generated wear particles.
- Improved bearing wear protection.
- Outstanding compatibility with a range of seal materials.
- Excellent resistance to oil oxidation and thermal degradation.
- High resistance to sludge and deposit formation.
- Wide range of applications.
- Optimized resistance to rust and corrosion of steel and corrosion of copper and soft metal alloys.
- Resistance to foaming and emulsion formation.

Specifications

MOTION GEAR OIL 220 meets the requirements of

- DIN 2004(3-51517):CLP
- ISO 6-6743 and ISO 1-12925: CKC/CKD
- US Steel 224
- AGMA -9005D95/E02:EP
- David Brown S53.101 1

Characteristics

PROPERTIES	UNITS	VALUE										TEST METHOD
ISO Viscosity Grade		22	32	46	68	100	150	220	320	460	680	
Viscosity @ 40 °C	mm ² /s	21.5	32.5	47	70	100	151	215	310	463	664	ASTM D-445
@ 100 °C	mm ² /s	4.5	5.5	7.0	9.0	11.0	15.0	19.0	24.0	30.0	38.5	ASTM D-445
Viscosity Index		106	102	105	98	98	98	95	98	95	97	ASTM D-2270
Density @ 35 °C	kg/m ³	857	865	868	871	875	881	886	891	896	893	ASTM D-1298
Flash Point	°C	214	224	236	236	246	246	254	258	264	300	ASTM D-92
Pour Point	°C	- 18	- 18	- 15	- 15	- 12	- 12	- 9	- 6	- 6	- 6	ASTM D-97
Neutralization no.	mgKOH/g	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	ASTM D-974

The specification mentioned above are confirmed. Minor variations might occur, no warranty.

P
R
O
D
U
C
T

I
N
F
O
R
M
A
T
I
O
N

مصنع سامي بالبيد لزيوت وسوائل السيارات
جدة، المملكة العربية السعودية
تلفون: ٠١٢ ٢٣٨٠٧٠٧ / ٠١٢ ٦٠٤٥٦٦ / ٠١٢ ٢٢٢٧٢٢
فاكس: ٠١٢ ٢٣٨١٣٥٥ / ٠١٢ ٦٠٤٥٨٨٨ / ٠١٢ ٢٢٢٠٨٦٨
بريد إلكتروني: balubaid@reemixbas.com | sales@motionlub.com
info@motionlub.com

S.B. Automotive Lubricants Plant
Jeddah, Kingdom of Saudi Arabia
Tel: 012 6323732 / 012 6045656 / 012 2680707
Fax: 012 6320868 / 012 6045858 / 012 2686355
Email: sales@motionlub.com / balubaid@reemixbas.com
info@motionlub.com