Product Data

Castrol Optitemp® PU 35/4

High Temperature Grease for
Highly Loaded CV Joints

Description

Castrol Optitemp® PU 035/4 is a special grease for ball CV joints for lateral and longitudinal shaft applications, subjected to extreme thermal and mechanical loads. This product can be used in universal applications for different types of joints due to its excellent low and high-temperature behavior. By virtue of its optimum oil separating properties it is also suited for joints which cannot be sealed properly due to technical reasons.

Applications

- Universal application in all kinds of joints
- Use in joints which cannot be sealed properly
- Also for the lubrication of shift linkages
- Temperature range: - 35°C/- 31°F to 160°C/320°F

Advantages

- Optitec®- Optimol technology
- No decline of performance even at high component temperatures
- Excellent low-temperature behavior
- High load carrying capacity
- Reduces friction and wear
- Non-aging and shear-stable
- Extremely low oil separation
- Castrol Optitemp® PU 035/4 complies with the requirements of VW TL 52 133 for high-temperature greases for CV joints

Notes for Use

- Castrol Optitemp® PU 035/4 is compatible with chloroprene rubber, CR (e.g. Neopren®) and polyetherester rubber (e.g. Hytrel®).
- Mixing with other greases can lead to a decline in performance.
- Please observe the specifications of the automotive or joint manufacturers.

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CASTROL OPTITEMP® PU 35/4
TYPICAL PROPERTIES

	Unit	Value	Test Method
OPTITEMP® PU	**-**	**035/4**	**-**
Article no.	-	08326	-
Color	-	black	visual
Base	-	polyurea/ semi-synthetic	-
Worked penetration Pw 60	0.1 mm	290	DIN ISO 2137
Density @ 20°C/68°F	kg/m³	925	DIN 51757
Base oil viscosity 40°C/104°F	mm²/s	100	DIN 51562
Dropping point	°C °F	260 500	DIN ISO 2176
Water resistance @ 90°C/194°F	-	0	DIN 51807 T. 1
Corrosion protection (SKF Emcor)	-	0	DIN 51802
Flow pressure @ 20°C/68°F @ - 20°C/- 4°F @ - 35°C/- 31°F	hPa	85 550 1100	DIN 51805
VW oil separation (1h/90°C/194°F)	%	3.8	-
Seal compatibility: DuPont CR 1234 (48h/130°C/266°F): Change in hardness Change in weight DuPont CR 1234 (240h/110°C/230°F): Change in hardness Change in weight	 Shore % Shore %	 - 8 + 9 - 8 + 8.5	-

1 mm²/s ≙ 1cSt. These technical data are based on average test results. Minor deviations may occur from case to case. Above data are based on extensive tests and practical experience. Considering the wide range of application requirements, they cannot, however, guarantee success in every single case. We therefore recommend practical trials. We reserve the right to change the product composition with a view to further improvement.

Health, safety and environmental information are 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. Castrol will not accept liability if the product is used other than in the manner or with the precautions or for the purpose(s) specified. Before using the product other than directed, please contact Castrol for consultation.

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