TECHNICAL DATA SHEET

CV Joint Grease

EP grease containing molybdenum sulphide used on constant velocity joints
Product code: Z035

Product Description:

A premium quality grease enhanced by the addition of molybdenum disulphide (MoS_2) for use in constant velocity joints, and all anti-friction and plain bearings subjected to high load and boundary lubrication conditions.

Benefits:

- Overcomes boundary lubrication conditions
- Good mechanical stability
- Good oxidation stability
- Good load carrying properties
- Good resistance to shock load
- Good water resistance & separation
- Wide temperature range -20 to 140°C

Application:

This lubricant can be used in extreme conditions where boundary lubrication may cause wear and vibration may occur.

Typical Test Data:

Appearance	Fibred grease
Colour	Grey/Black
Worked penetration (IP 50)	220-250
NLGI Classification	2
Dropping Point (IP132) °C	180 min
Free acidity as oleic (IP37)	0.05% max
Free alkalinity as hydroxide (IP37)	0.01% max
Oil separation (IP121)	5% max
Mild steel corrosion (Mod IP112)	Negative
Oxidation stability (ASTM D942) 168 hrs @ 99°C (psi)	4

Aluminium corrosion (Mod IP112)	Negative
Copper corrosion (IP 112)	Negative
Ventmeter pressure @ 70°C psi	500
Timken OK load (IP326) kg	20
Four ball weld load (IP239) kg	285
Mean Hertz load	55
Solid lubricant	3% MoS_2
Water washout (ASTM D1264) @38°C @79°C	 3% max 4% max

Health & Safety:

Please refer to the safety data sheet, a copy of which is freely available to all of our customers.