



ILD RED RUBBER GREASE

ILD Red Rubber Grease is a premium-quality, biodegradable, bentone-thickened grease designed specifically for compatibility with all types of natural and synthetic rubber.

ILD Red Rubber Grease provides excellent lubrication between rubber components and metal surfaces (such as steel or aluminium), without causing cracking, hardening, or excessive swelling of the rubber.

Formulated with a premium vegetable-based oil, this grease is inherently resistant to hydrocarbon solvents such as petrol and diesel, making it ideal for use in automotive and hydraulic systems where such fluids are present.

Application:

ILD Red Rubber Grease is specially developed for use in systems where rubber-to-metal contact occurs and rubber compatibility is essential. Typical applications include:

- Hydraulic systems using natural rubber or SBR seals
- Rubber boots, gaiters, dust covers, and similar components in automotive systems
- Lubrication points where solvent resistance and biodegradability are required

Important: This grease is *not suitable* for lubricating bearings.

Features and Benefits:

- Excellent resistance to hydrocarbon solvents (petrol, diesel)
- Outstanding compatibility with rubber materials (natural rubber, SBR, neoprene)
- Provides reliable corrosion protection
- Safe for use with DOT 3 and DOT 4 brake fluids

- Biodegradable and environmentally responsible

Typical Properties

ILD RED RUBBER GREASE	
Appearance	Smooth grease
Colour	Red
NLGI Classification	2
Thickener	Inorganic (Bentone)
Base Oil Viscosity @ 40°C (IP 71)	202 cSt
Base Oil Viscosity @ 100°C	12.5 cSt
Worked Penetration (IP 50)	265–295
Base Oil Type	Special blend of Vegetable Oils
Dropping Point (ASTM D2265)	>260°C
Effect on Natural Rubber (ASTM 471, 70 hrs @ 70°C)	+1% to +6% volume change
Effect on Neoprene Rubber (ASTM 471, 70 hrs @ 70°C)	-10% to +10% volume change
High Temperature Stability @ 120°C	No polymerisation
Biodegradability (21 days, CEC-L-33-A-93)	85–87%
Operating Temperature Range	-40°C to +120°C

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.