

Technical Data Sheet

DLS OE1

High-performance adhesion lubricant

Product description

The DLS OE1 is a synthetic, highly viscous high-performance adhesion lubricant with excellent wear protection and a very wide temperature application range.

DLS OE1 has an extraordinary wear, ageing and corrosion protection due to selected, highly effective additives.

OE1 is ideal under heavily fluctuating ambient conditions and very well suited for the critical range of mixed friction. The lubricating film created by OE1 withstands even extreme weather and ambient conditions and is ageing and oxidation stable. OE1 cannot be washed off by water and by common hydrocarbon-based cold cleaners only under strong mechanical influences. OE1 forms a very resistant, extremely spin-resistant, pressure and adhesion-proof lubricating film with EP and limit lubricating properties. The very high adhesion tendency of OE1 prevents the oil from spinning or dripping off even at high speeds and/or high temperatures.

OE1 therefore offers maximum reliability as a lubrication and protective film for heavily stressed parts. Areas of application for the OE1 are: highly stressed friction parts exposed to harsh weather conditions, humidity, fumes or water. As an external lubricant for chains – also underwater chains, guide rails, eccenters, grabber opening cams, open gear wheels, chain guide tracks.

Technical Details

Property	Value/characterisation	Standard
Colour	off-white	-
Smell	weak	-
Density at +15°C	0.94 g/cm ³	DIN 51757
Basic oil	Synthetic oil; white oil,	
Viscosity at 40°C	2500 mm ² /s	DIN 51562-1
Temperature application range	-10°C ... +80°C, short time + 100° C	
Conveyability in lubricating systems	-10°C ... +80°C	-

Available containers

400ml cartridge	FlexxPump 400	Part.-No.: 000201105
1500ml bellows		on request

Miscellaneous

The oil does not attack normal metals, varnishes, plastics and mineral oil-resistant seals.

Mixability of the oil with other oils can be clarified by consultation. Soiling and residue must be removed as well as possible to prepare the lubrication point, special cleaners are not required.

Recommended applications



++



++



+



-



-



-

Legend: ++ very good | + good | o suitable | - unsuitable