

# Goldenstone® ROLON

## Technical Data Sheet (TDS) Industrial Gear Oils

### Description and Application

The industrial gear oils **GOLDENSTONE® ROLON** are developed for lubrication of heavily loaded industrial gear drives operated at normal, medium and elevated stabilized oil temperatures.

**GOLDENSTONE® ROLON** oils are designated for the lubrication of heavily loaded closed gear boxes with straight and spiral bevel gears, spur gears, hypoid gears, worm gear drives. **GOLDENSTONE® ROLON** are formulated with appropriate selection of high quality solvent refined and hydrotreated lube base stocks blended with an ashless sulfur-phosphorus type additive package.

### Benefits

- Very good antiwear and anti-seizure properties
- Very good thermal and oxidation
- Dependable corrosion protection
- Seals compatibility
- Good water separability

### Specifications

ISO 6743/6	ISO-L-CKD
ISO 3448	VG 32, 46, 68, 100, 150, 220, 320, 460 § 680
ISO	12925
US Steel	224
DIN 51517	part 3, CLP
DAVID BROWN	S1.53.10(E)
AGMA	9005-E02

### Typical Characteristics

Parameter	Test Method	Typical Value				
		32	46	68	100	150
Density at 20°C, g/ml	EN ISO 3675	0.868	0.872	0.879	0.883	0.889
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	EN ISO 3104	32	46	68	100	150
Viscosity index	ISO 2909	100	98	95	95	93
Flash point, COC, °C	EN ISO 2592	185	185	190	195	200
Pour point, °C	ISO 3016	-30	-27	-21	-18	-15
Copper strip corrosion, 3h, 100°C	EN ISO 2160	1				
Water separability -time to 3 ml emulsion,min	ISO 6614	30	30	30	30	40
FZG EP Wear Test (A 8.3/90) - Failure Load Stage	DIN 51354-2	12				

Parameter	Test Method	Typical Value			
		220	320	460	680
Density at 20°C, g/ml	EN ISO 3675	0.893	0.895	0.898	0.900
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	EN ISO 3104	220	320	460	680
Viscosity index	ISO 2909	91	89	87	85
Flash point, COC, °C	EN ISO 2592	205	210	235	240
Pour point, °C	ISO 3016	-12	-9	-6	-3
Copper strip corrosion, 3h, 100°C	EN ISO 2160	1			
Water separability -time to 3 ml emulsion,min	ISO 6614	40	40	40	60
FZG EP Wear Test (A 8.3/90) - Failure Load Stage	DIN 51354-2	12			

Important note: Typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

## Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

[www.goldenstoneoils.com](http://www.goldenstoneoils.com)

## Packages

210L, Bulk

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