

Product Data Sheet

Servosystem XLP Gold 32, 46, 68

Premium Quality Hydraulic Oil for most severe application



Description

Servosystem XLP Gold oils are high performance hydraulic oils having higher FZG rating. These oils provide superior antiwear protection, excellent oxidation & thermal stability, outstanding hydraulic stability and good demulsibility. These oils provide problem free service and have been found to be far superior in performance as compared to other commercially available anti-wear, heavy duty hydraulic oils.

Performance, Features and Benefits

Outstanding oxidation and thermal stability ensuring long service life

- Excellent service at high temperature
- Excellent filterability characteristics
- Readily separate from water because of excellent demulsibility characteristics
- Long term protection against rust & corrosion
- Compatible with seal materials
- Outstanding anti-wear property ensures long term hydraulic equipment protection

Application

Servosystem XLP Gold oils are recommended as a fluid media in hydraulic systems, operating under extremely severe conditions. These oils are recommended for sophisticated high performance electro-hydraulic or numerically controlled systems. These oils are not suitable where the components are of silver or silver coated.

Approvals / Performance Standards / Recommendations

Meet following specifications:

- DIN 51524 Part 2
- US STEEL 127
- Fives Cincinnati, USA
- IS : 11656-1986 (Reaffirmed 2018)
- Danieli specification
- Eaton 35VQ25, USA

Approvals

- Bosch Rexroth, Germany (Fluid Rating No. - BR-1010-0065 & Fluid Listing in RDE 90245)
- Parker Denison-HF0, HF1, HF2

Typical Physical Characteristics

Parameters	Method	ISO VG 32	ISO VG 46	ISO VG 68
Appearance	Visual	Clear	Clear	Clear
Color	ASTM D 1500	<1.5	<2.0	<2.0
Kinematic Viscosity@ 40 ^o C, cSt	ASTM D 445	31.3	47.4	69.0
Kinematic Viscosity@ 100 ^o C, cSt	ASTM D 445	5.6	7.2	9.01
Viscosity Index	ASTM D 2270	117	112	105
Flash Point (COC), ^o C	ASTM D 92	247	253	260
Pour Point, ^o C	ASTM D 97	-24	-30	-30
Emulsion characteristic @54 ^o C Time to reach 40-37-3, in minutes	ASTM D 1401	10	10	15
FZG gear test(A/8.3/90), Pass Stage	DIN 51354	12 th	12 th	12 th
Foam test, stability Seq I, ml Seq II & Seq III, ml	ASTM D 892	NIL NIL	NIL NIL	NIL NIL
Copper corrosion at 100 ^o C, 3 hours	ASTM D 130	1	1	1
Rust Test	ASTM D 665 B	Pass	Pass	Pass

Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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