

## GRAVITY SERIES

### High-Performance Hydraulic System Oils

#### PRODUCT DESCRIPTION

GRAVITY SERIES; are superior quality hydraulic system oils produced by the addition of high quality paraffinic base oils, high stability oxidizing and anticorrosive additives. They provide high performance by ensuring excellent lubrication in piston or gear pumps and other hydraulic system equipment working under difficult conditions with the help of wear prevention and thermal stability providing additives.

#### ADVANTAGES

- Excellent protection for pieces of hydraulic system due to high anti-wear properties.
- High thermal stability.
- High filterability.
- Good air and water releasing properties.
- Very low foaming tendency.
- Good corrosion protection in the system.
- High oxidation stability.

#### APPROVALS AND SPECIFICATIONS

- DIN 51524 Part 1 ve 2 (HLP)
- ISO 11158 HM ve HL

#### CHARACTERISTIC PROPERTIES

Analysis	Unit	Analysis Method	Typical Values		
			ISO VS 32	ISO VS 46	ISO VS 68
Density, 15 °C	g/cm <sup>3</sup>	ASTM D 4052	0,874	0,878	0,884
Viscosity, 40 °C	cSt	ASTM D 445	33,07	45,12	67,78
Viscosity, 100 °C	cSt	ASTM D 445	5,48	6,70	8,63
Viscosity Index		ASTM D 2270	100	101	98
Pour Point	°C	ASTM D 97	-21	-24	-27
Flash Point	°C	ASTM D 92	220	226	230
TAN	mg KOH/g	ASTM D 664	0,30	0,45	0,48
Copper Strip Corrosion		ASTM D 130	1a	1a	1a
Foaming Tendency, II.Seq	mL	ASTM D 892	20/0	20/0	20/0

*All the information and figures mentioned above are typical of those obtained with normal production tolerance and verified with quality control test results.*

## ADDITIONAL INFORMATION

### Package

- 16 L
- 20 L
- 200 L

### Storage

- Packages should be stored in cool, well-ventilated and covered areas; and their taps should be tightly closed and sealed when not in use.
- Packages should not be exposed to direct sunlight and avoid rapid climatic changes.
- Ambient temperature should not exceed 60 °C.

### Health and Safety

Based on the available information, GRAVITY SERIES are not expected to produce adverse effects on health when used for the intended application and aligned with the recommendations provided in the; "Safety Data Sheet" (SDS). SDS's are available upon request through your sales contact office or representative.

When disposing the used product, physical and chemical properties have to be taken into the consideration, and please follow the regional or national regulations.

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