



## COMPANIA GENERAL DE LUBRICANTES SA

C/ Comercio, 36 – Polígono Industrial Can Sunyer  
08740 SANT ANDREU DE LA BARCA ( Barcelona )  
Telf: +34 93 6821514 – Fax: +34 93 6820055  
e-mail: gro@cogelsa.com

## TECHNICAL DATA SHEET

### HYDRAULIC HV

**GLOBAL RACING OIL HYDRAULIC HV** are hydraulic oils manufactured with refined paraffinic mineral bases and an additive package of antiwear components for power transmission systems and circuits subjected at high temperature variations.

**HYDRAULIC HV** antiwear properties reduces mechanic deterioration of the hydraulic pumps. It also shows antioxidant properties, protection against corrosion and rust, no foaming behaviour and quick water separation. High viscosity index.

**HYDRAULIC HV** are compatible with all the materials used at welding and manufacturing of hydraulic systems.

**HYDRAULIC HV** outperforms Lucas and Racine tests. It do not show any incompatibility with silver.

It can be used for any kind of hydraulic circuits supposed to function in severe conditions and requiring a hydraulic fluid of HVLP type (ISO HV) in the following cases:

Industrial equipment used in public works, tools, machines for plastic injection, hydraulic bins, presses, systems working at high pressures.

#### Physico-chemical characteristics

	<b>HV 46</b>	<b>HV 68</b>
ISO Viscosity grade	46	68
ISO Class	HV	HV
Viscosity at 40°C (cSt)	41.4-50.6	61.2-74.8
Viscosity index	150 min.	150 min.
Flash point (°C)	220	230
Pour point (°C)	-27	-24
Copper corrosion (100°C)	1a	1a
Demulsifying index ASTM	15	20
Steel corrosion	Pass	Pass

The HYDRAULIC HV oils meet the requirements of :

ISO 6743/4 (HV) – ISO 6047 (HV) - DIN 51524 parte 3 (HVLP) – DENISON HF-0, HF-1 HF-2

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Assessment with respect to the elaboration and utilization of “plannings” for the control and conservation of plants and industrial equipment. COMPANIA GENERAL DE LUBRICANTES S.A. is not accountable for the legal actions arised from the inadequate use of the product or products, herein referred to, being, according to our criteria, correct and complying with the quoted DESCRIPTIONS and APPLICATIONS contained herein.

COMPANY CERTIFIED

