

## PRODUCT DATA SHEET

# **HYPLEX S SERIES ISO 10 15 22 32 46 68 100 150 220** **(ANTIWEAR HYDRAULIC OILS)**

## DESCRIPTION

Hyplex S Series Hydraulic Oils are blended from HVI virgin base stocks and contain a special thermally stable additive (ZDDP) which inhibits oxidation, protects bearings from corrosion and prevents wear. Hyplex S Series Oil provides excellent performance in vane pumps and high-pressure systems. It caters for most hydraulic equipment, such as machine tools, earthmoving equipment, forklifts, hydraulic presses, rams and extruders.

<b>Grade</b>	<b>10</b>	<b>15</b>	<b>22</b>	<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>	<b>150</b>	<b>220</b>
Viscosity (Typical cSt @ 40°C)	10	15	22	32	46	68	100	150	220
Viscosity (Typical cSt @ 100°C)	2.7	3.5	4.4	5.6	7.1	9.1	12.0	15.2	19.3
Viscosity Index	98	98	99	100	100	100	101	101	101
Specific Gravity @ 15.6° C ASTM D 1298	0.829	0.839	0.845	0.852	0.858	0.865	0.871	0.878	0.885
Copper Strip Corrosion ASTM D 130, 3 hrs @ 100° C	1B	1B	1B	1B	1B	1B	1B	1B	1B
Rust Characteristics Proc B ASTM D 665	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Pour Point °C	-35	-32	-30	-27	-25	-25	-24		
FZG 4-Square Load Support DIN 51354	12	12	12	12	12	12	12	12	12

## APPLICATION

Use in the majority of hydraulic systems in earthmoving equipment, machine tools, forklifts, presses, rams and extruders or whenever the following specifications are required. (Do NOT use in hydraulic equipment with silver bearing surfaces - in this case use zinc free Hyplex ZF Series Oils)

## STANDARDS

Meets or exceeds the following:

Eaton Brochure 694 for 35VQ25A (formerly Vickers I-286-S, M-2950-S)

DIN 51524, Part 2 (HLP)

Denison HF-1, HF-2, HF-0

Commercial Hydraulics except those with silver bearing surfaces

General Motors LS -2

AFNOR NF E 48-603 HM, ISO 11158 HM

Racine variable volume vane pumps.

Cincinnati Milacron P.68, P.69, P.70

## CONTAINER SIZES

Bulk, 1000 Litres IBC, 205 Litres, 60 Litres, 20 Litres, 5 Litres

(Not all grades available in all pack sizes)

Issue Date 1/11/19

*Proven Protection. Powerful Performance.*