



HYDRAULIC OILS

Description

Autosell hydraulic oils are premium quality anti-wear hydraulic oils made from highly refined base oils. They contain high quality additives which improve ageing resistance and oxidation stability. They guarantee excellent protection against wear and corrosion and provide good water separation properties. They are designed primarily as superior heavy-duty anti-wear hydraulic oils for use in modern high-pressure hydraulic systems.

Features

- * Excellent protection against wear
- * Good corrosion protection – steel
- * Good corrosion protection – copper
- * High oxidation (ageing) stability
- * Excellent multi-metal compatibility under-high temperature and /or water contamination
- * Excellent filtration behavior (dry, wet)
- * Good performance at low and high temperatures and high loads
- * Good resistance to foaming
- * Good air-release/de-aeration properties

Application

Autosell Hydraulic oils are applicable where HLP type hydraulic oils are recommended. Recommended for industrial, marine, mobile and stationary hydraulic equipment. They are suitable for construction machinery, forklifts, and cranes etc. They also satisfy many other lubrication applications like machine tools, gear cases and bearing systems.

CHARACTERISTICS

Properties	Units	Values										Test Methods
ISO Grade		10	15	22	32	46	68	100	150	220	320	DIN 51 519
Viscosity@ 40°C	mm ² /s	10	15	22.1	34	46.4	69	99.4	147	220	320	ASTM D-445
@ 100°C	mm ² /s	2.71	3.43	4.4	5.7	7.0	9.2	11.8	15.1	19.4	24	ASTM D-445
Viscosity Index	-	110	103	108	107	108	109	108	103	100	95	ASTM D-2270
Density @ 35°C	Kg/m ³	835	838	845	848	849	851	854	864	875	883	ASTM D-4052
Neutralization no.	mg KOH/g	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	ASTM D-664
Foam Seq-I,II,III,	ml	20/0	20/0	20/0	20/0	20/0	20/0	20/0	20/0	20/0	20/0	ASTM D-892
Flash Point	°C	190	200	220	230	242	252	260	260	265	268	ASTM D-92
Pour Point	°C	-30	-30	-30	-27	-27	-27	-18	-18	-12	-12	ASTM D-97