



Active Lubricants

HIWAY

Hydraulic Oils

Technical Data Sheet

HIWAY oils are blended from top quality HVI mineral Base Oil with an additive package containing anti-wear, anti-oxidation and anti-foam agents and de-emulsifiers. These oils have good de-emulsibility and are very stable against oxidation and foaming tendencies. These oils are available in ISO viscosity grades: AW 10, 22, 32, 46, 68, 100, 150 & 220.

HIWAY oils are recommended for high pressure hydraulic systems using vane, Piston or gear pump on mobile or stationary equipment used in Industrial, and Construction, Agriculture and Mining sector. Also used for older systems where wear rates are high with non-anti-wear hydraulic oils suitable of enclosed gears operating under medium load conditions.

It gives the following consumer benefits:

- Thermal stability
- Long service life
- Superior filterability
- Excellent anti-wear performance
- Excellent protection against rust and corrosion
- Maintains system efficiency by rapidly releasing entrained air
- Good water separation

The typical characteristics of HIWAY oils are:

Test Methods	ISO VISCOSITY GRADES	10	22	32	46	68	100	150	220
D 445	Kin. Viscosity @ 40°C, cSt	10.5	22.4	32.3	46.2	67.8	100.7	149.1	221
D 445	Kin. Viscosity @ 100°C, cSt	2.6	4.2	6.1	7.0	8.5	11	14.5	19.3
D 4052	Density @ 15°C, kg/m ³	0.85	0.86	0.87	0.88	0.89	0.89	0.90	0.91
D 2270	Viscosity Index	99	99	99	99	99	99	99	99
D 97	Pour Point, °C	-24	-18	-12	-12	-12	-9	-9	-9
D 93	Flash Point, °C	155	180	195	202	225	230	250	255

Product specifications are based on average values. They are not limiting values and are subject to change due to ongoing research and development. Some variation, not effecting performance can be expected

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