

HIPER GP3

GEAR OIL PACKAGE

Type

Odourless Gear Oil Package

Technical data**

Appearance	Clear liquid
Specific Gravity@ 29.5 °C (ASTM D 7042)	0.920 TO 0.960
Viscosity, 40 °C, cSt (ASTM D 7042)	35 TO 55
Flash point, COC, °C (ASTM D 92)	MIN 110
Elemental Analysis (Typical)	
Total Sulphur, % By Wt. (ASTM D 5185)	16
Total Phosphorous, % By Wt. (ASTM D 5185)	0.75
Total Nitrogen, % By Wt. (ASTM D 3228)	0.3

Application

HIPER GP3 is a specially prepared Gear Oil Package to be used in a variety of Base Oils including Group I, Group II , Group III, PAO's and other synthetic base stocks.

HIPER GP3 exhibits excellent solubility and can be used to Formulate products meeting API GL 4, API GL 5, MT1, US 224 AND DIN 51517 PART III

Recommended Dosage: (% w/w)

API GL 4	2.0
API GL 5	4.0
MT1	3.0
US 224	1.8*
DIN 51517 PART III	1.8

*Dosage may be slightly readjusted depending on the type of Base Oil used.

**Technical data are guided values

Components of HIPER GP3 are on EINECS inventory

Specification **HIPER GP3 when used at 2% in ISO VG 220 Base Oil
(500N + BS 150)**

Copper Corrosion: @120°C for 3 Hrs (Modified ASTM D 130)	2 a Max
Foam Test, ml (ASTM D 892)	
SEQ I	50/0
SEQ II	50/0 Max
SEQ III	50/0
Four Ball Weld Load, kg (ASTM 2783)	Min. 250
Four Ball Wear Scar Dia., mm (ASTM D 4172)	0.40 Max
Water Separability, ml (ASTM D 1401)	
@54°C	<=3ml Emulsion in 30 mins
@82°C	<=3ml Emulsion in 60 mins

Packing unit 200kg MS drums

Storage conditions Maximum temperatures of 66°C (150°F) for handling and 38 °C(100°F) for long-term storage are recommended.
max. 1 Year

Handling Consult material safety data sheet (MSDS) for additional Handling information on HIPER GP3.